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CURRICULUM VITAE

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Education

Institution and Location	Degree	Year	Field of Study
University of Bergen, Norway	Undergraduate Coursework	1974	Philosophy, Social Sciences
Haukeland School of Nursing, Bergen, Norway	Registered Nurse (RN)	1979	Nursing
National Hospital, Oslo, Norway	Clinical Nurse Specialist (CNS)	1983	Pediatric Nursing
University of Oslo, Norway	MSN	1994	Nursing Administration
Case Western Reserve University, FPB School of Nursing, Cleveland, OH, USA	Ph.D	1998	Nursing Informatics

Research, Teaching and Leadership Positions

June 2002→	Director, Center for Shared Decision Making and Nursing Research, National University Hospital, Oslo
2001-2002	Visiting Assistant Professor, Department of Medical Informatics, Columbia University, New York, NY, USA
2001-2003	Adjunct Assistant Professor, Dartmouth Medical School, Hanover, New Hampshire, USA
2001-2004	Adjunct Assistant Professor, College of Nursing, University of Iowa.
2000-2001	Visiting Assistant Professor Dartmouth Medical School, Hanover, New Hampshire, USA
1998-1999	Post-doctoral Research Fellow and Assistant Professor, Institute of Nursing Science, Department of Medicine, University of Oslo, Norway.
1994 -1997	Doctoral Student, Frances Payne Bolton (FPB) School of Nursing, Case Western Reserve University, Cleveland, Ohio, USA.
1995-1997	Project Director, <i>Predictors of Women's Participation in Cardiac Exercise</i> . (Principal Investigator: Shirley M. Moore). National Institute for Nursing Research, NR/OD-

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03875-01 A1, 10/1/95-9/30/97.

- 1997 Project Director, *CHANGE: An Intervention to Enhance Maintenance of Cardiac Rehabilitation Exercise*. Frances Payne Bolton School of Nursing, Case Western Reserve University. 7/1/96- 6/30/97 (Principal Investigator: Shirley M. Moore).
- 1996 Research Assistant, *Geroinformatics - Testing a Mobile Computer Device to Support Clinical Information Management to Geriatric Patients*.
- 1995-1996 Research Assistant, *ComputerLink - Supporting Home Care via Community Computer Networks: Secondary Analysis*.
- 1995 *Eliciting Patient Preferences for Geriatric Care: A Pre-doctoral Dissertation Pilot Study*.
- 1995 Research Assistant, *Patients' Preferences for Cardiac Rehabilitation*.
- 1995 Research Assistant, *Appraisal, Coping, and Adaptation in Women with Breast Cancer*.
- 1994 Research Assistant, *Mail Survey Research in Nursing: Current practice*.

Professional Experience

- 2001-2002 Visiting Assistant Professor, Dept. of Medical Informatics, Columbia University, New York, NY
- 2000-2001 Visiting Assistant Professor, Post-doctoral research fellow, Dartmouth Medical School, Hanover, NH
- 1998 - 1999 Assistant Professor, Post-doctoral research fellow, Institute of Nursing Science, University of Oslo, Norway
- Principle Investigator of several major research projects funded through Norwegian national and international research grants. Focus on decision support systems for preference-based patient care, design of preference-based interventions to improve the quality of care, care protocols, and decision support for nurse managers.
Advisor for several nationally funded projects in Health Care Informatics.
Advisor of MSN and Ph.D. students, Institute of Nursing Science, University of Oslo, Norway.
- 1994-1997 Doctoral Student, FPB School of Nursing, Case Western Reserve University, Cleveland, Ohio, USA.
- 1990-1994 Director of Nursing (ass. sjefsykepleier), Aker University Hospital, Oslo, Norway.
- 1988-1990 Head Nurse, Children's Department, National Hospital, Oslo, Norway.
- 1983-1988 Clinical Nurse Specialist, Pediatric Nursing, Oncology Unit, Children's Department, National Hospital, Oslo, Norway.
- 1980 -1983 Staff Nurse, Pre-term Neonatal and Oncology Unit, Children's Department, National Hospital, Oslo, Norway.
- 1979-1980 Staff Nurse, Neonatal Unit, Haukeland University Hospital, Bergen, Norway.

Public Academic and Professional Activities

Manuscript reviewer:

- JAMIA (Journal of the American Medical Informatics Association).
- AMIA (American Medical Informatics Association)
- Society for Medical Decision Making (SMDM)
- Medical Care
- Patient Education and Counseling
- Computers in Nursing
- Health Services Research
- Expert Review of Pharmaco-economics & Outcomes Research
- Vård i Norden
- Nursing Informatics 2003

- 2000 Participant of the “Shared decision making forum”, Oxford, UK, Jan-Jun 2000, a collaboration of researchers from North America, the United Kingdom and Norway to: advance the theory and practice of shared decision making. Overall objectives: (1) To summarize the contemporary state of the art in theory and practice of shared decision-making (2) To develop a strategy for educating the next generation of researchers in shared decision-making (3) To engage policy makers in the UK, the US and Canada in articulating the appropriate policy response to shared decision-making.
- 1999-2000 Advisor for nationally funded project: *Nursing documentation in the computer-based patient record*. [Elektronisk sykepleiedokumentasjon i MEDAKIS]. Funded by the Norwegian Research Council.
- 1999 Consultant for project: *Establishing an acute care unit for the elderly*. [Oppretting av en akutt-geriatrikisk enhet ved Ullevål sykehus]. Ullevål University Hospital, Oslo, Norway.
- 1998 Consultant for: *Development of a 20-credit hours graduate interdisciplinary program in Health Care Informatics for managers in health care*. Buskerud Polytechnics, Norway.
- 1998 Consultant for: *Development of a 5-credit hours under-graduate course in Health Care Informatics*. Molde Polytechnics, Norway.
- 1998-1999 Advisor for national project initiated by the Norwegian Nurses’ Association. *Evaluation of ICNP* (International Classification for Nursing Practice). Funded by the Norwegian Department of Health and Social Security.
- 1997 Invited participant at the Working Conference of the AMIA97 Spring Congress on *Implementation of nursing vocabularies in computer-based systems*, San Jose, California.
- 1994 Member of national working group initiated by the Norwegian Nurses’ Association to develop priorities and a strategy for introducing computerized systems in nursing in Norway.
- 1993- 1994 Member of national project initiated by the Norwegian Nurses’ Association to develop a standard for nursing documentation in the computer-based patient record.
- 1993 Member of national working group initiated by the Norwegian Department of Health and Social Security to develop requirements for data security and integrity in the computer-based patient record. (i regi av KITH).

- 1992 Translated and adjusted an English electronic nursing care planning system into Norwegian and introduced it into Norwegian nursing education.
- 1991-1992 Member of national project initiated by the Norwegian Nurses' Association to develop a national program for Quality Improvement (QI) in nursing.
- 1990-1993 Development and implementation of Quality Improvement (QI) Program in Nursing at Aker University Hospital. Special focus on building organizational competence in QI, facilitating QI groups and initiating QI projects in nursing as well as interdisciplinary projects. Conducted at least eight 3-days workshops and facilitator courses at Aker University Hospital for at least 200 clinicians, and well as courses for the Norwegian Nurses' Association around the country.
- 1989-1994 Development of CLASSICA, a computer-based prototype of resource management system for nurse managers that later resulted in a nationally funded project (1999) for commercial software development (see Research Grants and Awards Section).
- 1990-1991 Member of a project initiated by Infomedica (software company developing HIS in Norway): *Facilitating Nursing Care* [Post og pleieadministrasjon] with the purpose of identifying needs for electronic applications to support nursing care at the bedside.

National/International Research Grants Received

- 2002 Principle Investigator (PI). Supporting Preference-based Care for Children with Cancer. Approved for funding. NIHgrant # 1P20 NR07788-01.
- 2001 *PI. Developing a Decision Support System Prototype for Including Patient Preferences in Palliative Care.* Hitchcock Foundation #250-442. (completed)
- 2001 Principle Investigator. *Developing Decision Support for Preference- Based Care Planning: Next steps.* Norwegian Research Council, 1/1-31/12-2001. Grant#: 130007/320. (Completed)
- 2000 Collaborative Educational Grant in collaboration with colleagues from the Universities of Iowa, USA, Iceland, and Ørebro, Sweden. A *Web-based Scandinavian Master-Course in Nursing Informatics.* Funded by NordPlus (Scandinavian Academic Educational Program).
- 1999-2000 Principle Investigator. *The Effect of CHOICE, a Decision Support System for Including Patient Preferences in Nursing Care.* Norwegian Research Council, 1/1-1999 31/12-2000. Grant#: 130007/320. (Completed)
- 1999 Principle Investigator. *Classica: Development of an Electronic Resource Management System for Nurse Managers* [Utvikling av et ressursstyringssystem for sykepleietjenesten]. Norwegian Research Council, 1/1-31/12-1999. Grant#: 128150/320. (Completed)
- 1998 Principle Investigator. *Patient-clinician alliance: Integrating patient preferences in clinical decision making* [Pasienten som klinikerens samarbeidspartner. Pasientenes preferanser som beslutningsgrunnlag i pasientbehandlingen]. National Research Program Clinical Communication (completed).
- 1994-1997 *Integrating Patient Preferences for Self-care Capability in Nursing Care: Effects on Nurses' Care Priorities and Patient Outcomes.* Doctoral Dissertation funded by the Norwegian Research Council (NFR grant #: 107325/320) (completed).

Other Funding Received

- 1999 Norwegian Association of Educational Writers [Norsk faglitterær forfatterforening] to write text book: Introduction to Health Care and Nursing Informatics [Helse-og sykepleieinformatikk: Hvordan IKT kan bidra til utvikling av en bedre helsetjeneste]. ISBN 82-417-1222-7. Gyldendal Akademisk, 2000.
- 1997 Sigma Theta Tau Nursing Honor Society, Alpha Mu Chapter for completion of doctoral dissertation.
- 1997 Case Western Reserve University, Frances Payne Bolton Alumni Association, for completion of doctoral dissertation.
- 1992 Norwegian Association of Educational Writers [Norsk faglitterær forfatterforening] to write text book on nursing informatics, published 1993.
- 1992 Norwegian Nurses' Association/3M stipend, for completion of Master Thesis.
- 1991 City of Oslo, Developmental Fond for initiating training program in Quality Improvement methods.
- 1989 Federation of the Nordic Nurses' Association to write a review on Information Technology in nursing.

Professional Honors and Awards

- 2001 Paper selected for reprint *IMIA (International Medical Informatics Association) Yearbook of Medical Informatics*, containing the best of medical informatics articles in the proceeding year. Paper title: Decision support for patient preference-based care planning: Effects on nursing care and patient outcomes, originally published in *JAMIA*, 1999; 6:304-312.
- 2000 Sigma Theta Tau International's Education Technology Award, together with Drs. Delaney (USA), Ehnfors (Sweden), and Thoroddsen (Iceland) for an international collaboration on the first Web-based Scandinavian Master-Course in Nursing Informatics, Spring 2000.
- 2000 Nursing Informatics Working Group Award at the AMIA (American Medical Informatics Association) Fall Symposium, 2000, Los Angeles November 3-8. 2000
- 2000 Finalist in the Student/postdoctoral student Paper Competition at the AMIA (American Medical Informatics Association) Fall Symposium, 2000, Los Angeles November 3-8. 2000. Paper title: Ruland, C.M. Clinicians' use of a palm-top based system to elicit information about patient preferences at the bedside: A feasible technique to improve patient outcomes.
- 2000 Nominated for the Harriet H. Werley Award, for a paper with a nurse as the first author, making the greatest contribution to advancing the field of nursing informatics for the paper and at the same conference as above.

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- 2000 Nominated as a candidate for the Norwegian Top Research Program (Toppforskningsprogrammet).
- 1999 Nominated for Best Poster Award at the AMIA (American Medical Informatics Association) Fall Symposium, Washington DC November 6-10. 1999. Abstract title: Ruland, C.M. Using Palm-top Technology to Elicit Patient Preferences at the Bedside.
- 1998 Best Paper Award at the AMIA (American Medical Informatics Association) Fall Symposium, Orlando Florida, November 7-11. 1998, in recognition of the paper that best describes an application of Medical Informatics in health care or biomedical research. Paper title: Ruland, C.M. Improving patient outcomes by including patient preferences in nursing care.
- 1998 Finalist in the Student Paper Competition at the AMIA (American Medical Informatics Association) Fall Symposium, 1998, Orlando Florida, November 7-11. 1998. Paper title: Ruland, C.M. Improving patient outcomes by including patient preferences in nursing care.
- 1996 Vital/Norwegian Nurses' Association Award for best dissertation proposal (of 15 submitted).
- 1996 Ellis Scholarship Award, FPB School of Nursing, Case Western Reserve University, for outstanding academic achievements.
- 1994/95 Dean's scholarship, FPB School of Nursing, Case Western Reserve University, for student excellency.

Administrative Posts/Honor Positions

- Member of Scientific Review Committee for the 24th Annual Meeting of the Society for Medical Decision Making, 2002
- Member of the Publication Committee of the American Medical Informatics Association (2000-2001)
- Board Member, ACENDIO- Association of Common European Nursing Diagnoses, Interventions and Outcomes (1999- 2001).
- Board member, Norwegian Society of Nursing Research, (1993-1994).
- President for Ph.D student group, FPB School of Nursing, Case Western Reserve University, Cleveland, Ohio, USA (1995- 1996).
- Ph.D student representative, PhD council, FPB School of Nursing, Case Western Reserve University, Cleveland, Ohio, USA for the academic years of 1995/96 and 1996/97.

Membership in Scientific and Professional Organizations

- American Medical Informatics Association
- American Society of Medical Decision Making
- European Society of Medical Decision Making
- ACENDIO- Association of Common European Nursing Diagnoses, Interventions and Outcomes

- Sigma Theta Tau Honor Society, Alpha Mu Chapter
- Norwegian Society of Nursing Research [Norsk selskap for sykepleieforskning]
- Norwegian Nurses' Association [Norsk sykepleierforbund]
- Norwegian Computer Society in Health Care [Forum for databehandling i helsesektoren]

International Studies and Research Collaboration

2001-2002	Visiting Assistant Professor, Department of Medical Informatics, Columbia University, New York, NY, USA
2000-2001	Visiting Assistant Professor/ Post-doctoral Research Fellow, Dartmouth Medical School, Hanover, New Hampshire, USA
2000	Participation in the "International Shared Decision Making Forum", Oxford, England, January through June, as part of post-doctoral fellowship at Dartmouth Medical School
1994-1997	Doctoral Studies, Ph.D in Nursing Informatics, Case Western Reserve University, Cleveland, OH, USA.
1991	Professional visits to Case Western Reserve University, Cleveland, OH, and the University of California, San Francisco (USCF). The purpose was to look at research related to clinical decision making and computerized decision support systems, quality assurance, and models for hospital organization.
1990	Professional visit to the University of California, San Francisco (USCF), School of Nursing.
1989	Facilitator course in Quality Assurance, Royal College of Nursing, London, September 3-10, 1989.

Active Participation at International Congresses

See complete list of published papers in refereed conferences in section C and list of published posters and abstracts in Section D for specific titles and dates. All meetings were peer reviewed international conferences in which a paper or poster was presented. See also list of professional activities for additional information.

Conferences in which papers or posters were presented include:

2002	18 th UICC International Cancer Congress, Oslo, Norway, June 30- July 1, 2002
2001	Medinfo2001, London, Sept 1-5, 2001
1996-2001	Annual Symposium of the American Medical Informatics Association
2000, 1997, 1991,1988	Nursing Informatics, International Symposium on Nursing Use of Computers and Information Science, Auckland, New Zealand (2000), Stockholm, Sweden (1997), Melbourne, Australia (1991), Dublin, Ireland (1988)
2000	Annual Symposium of the Society for Medical Decision Making, Cincinnati, Ohio.

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- 2000 Invitational Post- Conference, following the 7th International Nursing Informatics Symposium; Waikato, New Zealand.
- 2000,
1998,1990 Biennial Conference of the Workgroup of European Nurse Researchers, Helsinki, Reykjavik, Iceland (2000), Finland (1998), Budapest, Hungary (1990)
- 1999 Joint European Conference on Artificial Intelligence in Medicine and Medical Decision Making, Aalborg, Denmark
- 1998 International Symposium on Nursing Diagnoses, Ørebro, Sweden
- 1997 Invitational Post-Conference following the 6th International Nursing Informatics Symposium, Stockholm, Sweden
- 1997 Biennial Euroquan Conference on Quality and Nursing Practice, Oslo, Norway
- 1997 International Council of Nurses (ICN) 21st Quadrennial Congress, Vancouver, Canada
- 1997 Sigma Theta Tau's International 34th Biennial Convention, Indianapolis, IN, USA
- 1994 International Symposium on Quality Assurance in Nursing, University of Lancashire, Preston, England
- 1992 Conference on Nursing Quality Assurance, Federation of the Nordic Nurses' Association, Klekken, Norway
- 1989 Biannual Symposium of The Federation of the Nordic Nurses' Association, Copenhagen, Denmark
- 1988 Congress of the European Society of Cardiology, Vienna, Austria

Scientific and Professional Publications

A. Theses

- Ruland, C.** (1998). *Integrating patient preferences for self-care capability in nursing care: Effects on nurses' care priorities and patient outcomes*. Doctoral dissertation. Case Western Reserve University, Cleveland, Ohio, USA. (198 p).
- Ruland, C.** (1994). *The process and documentation of clinical decision making in nursing* [Kliniske beslutninger i sykepleien og dokumentasjonen av disse]. Master Thesis, Institute of Nursing Science, University of Oslo, Norway. (125 p).
- Ruland, C.** (1983). *Nurses' role in facilitating community support for families with a disabled child. Investigation among families with a child with serious congenital heart disease*. [Hjelp og støttetiltak til familier med barn som har en alvorlig hjertefeil]. Thesis Clinical Nurse Specialist, Pediatric nursing. National Hospital, Oslo, Norway (126 p).

B. Original Papers in Refereed Journals

B.1. Published or In Press Papers in Scientific Journals

- Ruland, C. M.** & Bakken, S. (2002) Representing Patient Preference-Related Concepts for Inclusion in Electronic Health Records. *Journal of Biomedical Informatics*, 34(6), 415-22.
- Schou I, Ekeberg Ø, **Ruland CM**, Kåresen R. (in press) Do women newly diagnosed with breast cancer and consulting surgeons assess decision making equally? *The Breast*
- Moore, S.M., Dolansky, M., **Ruland, C.M.**, Pashkow, F.J. & Blackburn, G.G. (2002) Predictors of Women's Exercise Maintenance Following Rehabilitation. *Journal of Cardopulmonary Rehabilitation*.
- Ruland, C. M.** (2002). Hand-Held Technology to Improve Patient Care: Evaluating a Support System for Preference- Based Care Planning at the Bedside. *J Am Med Inform Ass* 9, 192-200.
- Hellesø, R., **Ruland, C.M.** (2001). Developing a module for nursing documentation integrated in the electronic patient Record. *Journal of Clinical Nursing*, 10, 799-805.
- Ruland, C. M.** (2001). Developing a Decision Support System (DSS) to Meet Nurse Managers' Information Needs for Effective Resource Management. *Computers in Nursing*, 19 (5), 187-193.
- Ruland, C. M.** & Moore S.M. (2001). Eliciting exercise preferences in cardiac rehabilitation: Initial evaluation of a new strategy. *Patient Education and Counseling* 44(1), 283-291.
- Ruland, C. M.** (2001). Evaluating the beta- version of the International Classification for Nursing Practice (ICNP) for domain completeness, applicability of its axial structure and utility for clinical practice. A Norwegian project. *International Nursing Review*, 48 (1), 9-16.
- Ruland, C.M.** (1999). Decision Support for Patient Preference-Based Care Planning: Effects on Nursing Care and Patient Outcomes. *J Am Med Inform Ass*, 6 (4), 304-12.
- Moore, S.M., **Ruland, C. M.**, Pashkow, F. & Blackburn, G. (1998). Women's patterns of exercise following cardiac rehabilitation. *Nursing Research*, 47 (6), 318-325.
- Ruland C. M.**, Moore, S.M. (1998). Theory construction based on standards of care: A proposed theory of the peaceful end of life. *Nursing Outlook*, 46 (4), 169-75.
- Ruland, C. M.**, Kresevic, D., Lorensen, M. (1997). Including patient preferences in nurses' assessment of elderly patients. *Journal of Clinical Nursing*, 6, 495-504.
- Ruland C. M.** (1996). Clinical decision making in nursing. *Vård i Norden*, 4, 4-12. (Scandinavian Journal of Nursing Research).
- Ruland C. M.** (1992). The role of leadership for quality improvement in nursing. [Ledelsens betydning for kvalitetssikring i sykepleietjenesten]. *Vård i Norden*, 12, 55 –62. (Scandinavian Journal of Nursing Research).

B.2. Full papers published or In Press in Refereed Conference Proceedings

- Ruland, C. M.** Ravn, I. H. (2001). An Information System to Improve Financial management, Resource Allocation and Activity Planning: Evaluation Results. Proceedings for *MEDINFO, London, 2001, Sept3-5, 2001, p.1203-6.*

- Ruland, C. M.** (2000). Clinicians' use of a palm-top based system to elicit information about patient preferences at the bedside: A feasible technique to improve patient outcomes. *Proceedings of the 2000 Annual Symposium of the American Medical Informatics Association, LA, USA*, p.734- 9.
- Ruland, C. M.** (2001). A framework for developing decision support systems for preference-based care planning. In: *One Step Beyond: The Evolution of Technology and Nursing. Proceedings of the 7th International Congress in Nursing Informatics Post-Congress Workshop*. Rotorua, New Zealand, May 3-6.2000, p. 69-78.
- Ellingsberg, A., & **Ruland, C.M.** (2000) Effekten av et systematisk datainnsamlingsreskap på kvaliteten av sykepleiedokumentasjonen. [The effect of systematic patient assessment on the quality of nursing documentation]. . *Proceedings of the 5th National congress of the Norwegian Nurses' Association*. [Den 5. sykepleiekongressen] Bergen, Norway, p. 129-132.
- Oppheim, A.E.& **Ruland, C.M.** Samsvar og forskjeller mellom pasienters preferanser for funksjonsevne og sykepleiernes prioriteringer. [Congruence and differences between patient preferences for functional performance and nurses' care priorities.] *Proceedings of the 5th National congress of the Norwegian Nurses' Association*. [Den 5. sykepleiekongressen] Bergen, Norway, p. 126-129.
- Hellesø, R., **Ruland, C.M.** (2000). Nursing documentation in the electronic patient record. *Proceedings of the 10th Biennial Conference of the Workgroup of European Nurse Researchers*, p. 174-176. Reykjavik, Iceland, May 25-27, 2000.
- Ruland, C. M.** (2000). Developing Classica: A decision support system (DSS) for nurse managers. In *One Step Beyond: The Evolution of Technology and Nursing. Proceedings of the 7th International Symposium on Nursing Use of Computers and Information Science*, Auckland, New Zealand, 4/28-5/1, 2000. *adis International*, ISBN: 0-86471-081-X p.163-168.
- Ruland, C.M.** (1998) Integrating patient preferences in nurses' care decisions: Clinical research and its implications for informatics. (p.162-172). In: *Informatics and patient and clinical guidelines. The state of knowledge and a vision. Proceedings of the 6th International Nursing Informatics Symposium Post-Conference*. Lidingsø, Sweden October 1-4, 1997, SPRI, Stockholm.
- Brennan, P.F., Bonair, A., Fernandez, A.B., Nordstrand, K., Royle, J., & **Ruland, C.M.** (1998) Using patient preferences: The role of nursing informatics (p. 173-175). In: *Informatics and patient and clinical guidelines. The state of knowledge and a vision. Proceedings of the 6th International Nursing Informatics Symposium Post-Conference*. Lidingsø, Sweden October 1-4, 1997, SPRI, Stockholm.
- Ruland, C. M.** (1998). Improving patient outcomes by including patient preferences in nursing care. (p. 448-452). *Proceedings of the 1998 Annual Symposium of the American Medical Informatics Association: A Paradigm Shift on Health Care Information Systems: Clinical Infrastructures for the 21st Century*. Philadelphia, Hanley & Belfus Inc.
- Ruland, C. M.** (1998). Elderly patients' preferences for self-care capability and their preference achievement as outcomes of nursing care (p.759-765). In *Knowledge Development: Clinicians and Researchers in Partnership. Proceedings for the 9th biennial conference of the Workgroup of European Nurse Researchers*, July, 5-8, 1998, Helsinki, Finland.
- Ruland, C. M.** (1997). Decision support for including patient preferences in geriatric care (p.296-299). In: *Nursing Informatics. The Impact of Nursing Knowledge on Health Care Informatics*. IOS Press, Omaha.
- Ruland, C. M.,** Kresevic, D., & Lorensen, M. (1997). Evaluating the quality of care from the perspective of patients (p. 232-236). *Proceedings of the 6th Biannual International Euroquan Conference on Quality and Nursing Practice*, Oslo, Norway.

Ruland, C. M. (1991). Patient classification based on standards of care: New experiences. *Proceedings of the Fourth International Symposium on Nursing Use of Computers and Information Science*, Melbourne, Springer.

Ruland, C. M. (1990). A qualitative approach to patient classification based on standards of care. (p. 212-217). In *Collaborative Research and its Implementation in Nursing III. Proceedings of the 13th Meeting of the Workgroup of European Nurse Researchers*, Budapest, Hungary.

Sannes, I., **Ruland C. M.** (1988). Patient classification and standards of care: Do we distribute human resources in relation to patients' needs for nursing and treatment? (p. 194-201). In *Nursing and Computers. Proceedings of the Third International Symposium on Nursing Use of Computers and Information Science*, The C.V. Mosby Company.

B.3. Papers under Review

Ruland, C.M., White, T. Stevens, M. Fanciullo, G. A Decision Support System that Increases Incorporation of Patient Preferences in Cancer Care: Results of a Pilot Study. Submitted for paper presentation at the *8th International Congress in Nursing Informatics*, Rio De Janeiro, June 20-25, 2003

Ruland, C. M. & Bakken, S. Developing, implementing and evaluating decision support systems for preference-based patient care. *Journal of Advanced Nursing*

Ruland, C. M. & Ravn, I.M Perceived Usefulness and Effects on Costs and Staff Management of a Nursing Resource Management Information System *Nursing Management*

C.1. Published or Accepted Abstracts for Scientific Paper and Poster Presentations

Ruland, C. M. & Bakken, S. Representing Patient Preference-Related Concepts for Inclusion in Electronic Health Records. Accepted for paper presentation at the *ACENDIO European Conference, March 21-23, 2003, Paris, France*.

Ruland, C.M., White, T. Stevens, M. Fanciullo, G. Testing the effect of a support system to improve patient-centered care. Paper presentation at the 24th Annual Meeting of the Society for Medical Decision Making, Oct. 20- 23, 2002, Baltimore, Maryland.

Ruland, C.M. Clinicians' opinions about the usefulness and effectiveness of decision support systems for evidence- and preference- based patient care. Poster presentation at *AMIA Fall Symposium 2002*.

Ruland, C.M., Fanciullo, G., Stevens, M., Whedon, M. & White, T. (Poster presentation). Computer Supported Individualized Palliative Care. In *International Journal of Cancer. Proceedings of the 18th UICC International Cancer Congress*, Oslo, Norway, June 30-July 5, 2002, IS. SN 0020-7136, p. 484.

Llewellyn-Thomas HA, Beiser M, Wong J, **Ruland C.M.** Are screening tools for depression cross-culturally valid? Paper presentation at 23rd Annual Meeting of the Society for Medical Decision Making, October, 2001.

Llewellyn-Thomas, H., Beiser, M., Wong, J., & **Ruland, C.M.** (2001). Ensuring Cultural Equivalence of Mental Health Measures, Paper presentation at the *17th Annual Meeting of the International Society for Technology Assessment in Health Care, (ISTAHC), Philadelphia, June 3-6, 2001*

Ruland, C. M. (2000) (paper presentation). Does decision support for preference-based care planning improve clinical care and patient outcomes? *Medical Decision Making*, 20(4); pp 494.

- Ruland, C. M.** (2000) (poster presentation). Do patient preferences change during the course of their hospitalization and recovery? *Medical Decision Making*, 20(4); pp.482
- Ruland, C. M.** (2000) Testing the Beta-Version of the International Classification for Nursing Practice (ICNP). Paper presentation at the 10th *Biennial Conference of the Workgroup of European Nurse Researchers*, Reykjavik, Iceland, May 25-27, 2000.
- Ravn, I.H. & **Ruland, C. M.** (2000). (paper presentation). Resultater av CLASSICA, et ressursstyringsystem for sykepleietjenesten. Paper presentation, Forskningsdag ved Institutt for Sykepleievitenskap, 27.4.2000
- Ravn, I.H. & **Ruland, C. M.** (2000). Evaluering av CLASSICA, et ressursstyringsystem for sykepleietjenesten. Paper presentation, Proceedings of Conference: Sykepleieutdanning på Ullevål 1900-2000, 12.5.2000
- Ravn, I.H. & **Ruland, C. M.** (2000). Evaluating the effects of an electronic resource management system for nurse managers. Poster presentation. Proceedings of the 10th *Biennial Conference of the Workgroup of European Nurse Researchers*, Reykjavik, Iceland, May 25-27, 2000.
- Husebø, S.E., **Ruland, C.M.** (2000). The effect of a counseling program for CHF patients' on their physical and psycho-social functioning and coping strategies during the first month after hospitalization. Poster presentation. Proceedings of the 10th *Biennial Conference of the Workgroup of European Nurse Researchers*, Reykjavik, Iceland, May 25-27, 2000.
- Hommelstad, J. & **Ruland, C.M.** (2000). Barriers to and facilitators of research utilization, as perceived by operating room nurses. Poster presentation. Proceedings of the 10th *Biennial Conference of the Workgroup of European Nurse Researchers*, Reykjavik, Iceland, May 25-27, 2000.
- Ruland, C.M.** & Ravn, I.H. Evaluering av **Classica** - et elektronisk ressursstyringssystem for avdelingssykepleiere. [Evaluating Classica, an electronic resource management system for nurse managers]. Poster presentation. Proceedings of the 5th National congress of the Norwegian Nurses' Association. [Den 5. sykepleiekongressen] 14.-16.9. 2000, Bergen, Norway.
- Ruland, C.M.** (1999). Electronic resource management information for nurse managers. [Elektronisk styringsinformasjon for sykepleieledere]. (Paper presentation). Proceedings of the National Conference: *Information Technology toward the Year 2000. [IT og dokumentasjon mot år 2000]*, Norwegian Nurses' Association, Sandefjord, Norway, 9/30– 10/1-1999.
- Ruland, C.M.** (1999). Using palm-top technology to elicit patient preferences at the bedside. Proceedings of the 1999 *Annual Symposium of the American Medical Informatics Association*, Washington DC, Nov 6-11-1999 (p. 1150). Hanley & Belfus, Inc.
- Ruland C.M.** & Moore, S.M. (1999). A method to elicit patient preferences for exercise after cardiac events. (Poster presentation). Proceedings of the *AIMDM99 Joint European Conference on Artificial Intelligence in Medicine and Medical Decision Making*, Aalborg, Denmark, June 20-24,1999.
- Ruland C. M.** & Lorensen, M. (1998). Using patient preferences to inform clinicians in patient care as means to improve patient outcomes. (Poster presentation). (p. 132). *Proceedings of the 14th Nordic Congress of Gerontology*, Trondheim, Norway (May).
- Ruland C.M.** (1998). Elderly patients' preferences for self-care capability and their preference achievement as outcomes of nursing care. (Paper presentation). *Proceedings for the 9th biennial conference of the Workgroup of European Nurse Researchers*, Helsinki, Finland (July).
- Moore, S. M., & **Ruland, C. M.** (1997). A comparison of three methods of measuring exercise in a field study. (Paper presentation). *Circulation (Supplement)*, 96, I1191. (November).

- Ruland, C.M.**, & Moore, S. M. (1997). Integrating patient preferences for self-care capability in patient care planning: Effects on achievement of patients' preferences and patient satisfaction. (Poster presentation). *Proceedings of Sigma Theta Tau's International 34th Biennial Convention, Scientific Sessions*, Indianapolis, IN. (December).
- Ruland, C. M.** Kresevic, D., & Lorensen, M. (1997). Evaluating the quality of care from the perspective of patients: Elderly patients preferences for self-care capability as outcome indicators. (Paper presentation). *Proceedings of the 6th Biannual International Euroquan Conference on Quality and Nursing Practice*, Oslo, Norway (September).
- Ruland C.M.** & Moore, S. M. (1997). Theory development based on standards of care: The theory of the peaceful end of life. (Paper presentation). *Proceedings of the International Council of Nurses (ICN) 21st Quadrennial Congress*, Vancouver, Canada (June).
- Ruland, C.M.**, Kresevic, D., Brennan, P. F. & Lorensen, M. (1996). Decision support for assessing patient preferences for geriatric care. (Poster presentation). *Proceedings of the 19th AMIA (American Medical Informatics Association) Annual Fall symposium*, Mosby (November). Hanley & Belfus, Philadelphia
- Ruland, C. M.** (1994). Clinical decision making processes in nursing and their documentation. What do computers offer? [Kliniske beslutningsprosesser i sykepleie og dokumentasjonen av disse. Hva kan datateknologi tilby?] (Paper presentation). *Proceedings of the Annual Symposium of the Norwegian Society of Nursing Research on Nursing Care Quality and Economy*, Oslo, Norway (March).
- Ruland, C. M.** (1994). The role of leadership for quality improvement in nursing. [Ledelsens betydning for kvalitetssikring i sykepleietjenesten]. (Paper presentation). *Proceedings of the National Conference of the Norwegian Society of Quality Care*. [Norsk forum for kvalitet i helsetjenesten]. Oslo, Norway (March).
- Ruland, C. M.** (1994). Quality improvement for terminally ill patients. [Kvalitetssikring overfor alvorlig syke og døende pasienter]. (Paper presentation). *Proceedings of the National Conference of the Norwegian Society of Quality Care*. [Norsk forum for kvalitet i helsetjenesten]. Oslo, Norway (March).
- Ruland, C. M.** (1993). Resource management at the stroke unit at Aker Hospital. [Ressursstyring ved slagenheten ved Aker sykehus]. (Paper presentation). *Proceedings of the SCANMEDICA II - 91. Interdisciplinary Conference on Stroke and Acute Treatment and Rehabilitation*. [Konferanse om hjerneslag - akutt behandling og rehabilitering] Bergen, Norway (November).
- Ruland, C. M.** (1993). Quality assurance to avoid medication errors at Aker Hospital. [Sikring av medikamentrutiner ved Aker sykehus]. (Paper presentation). *Proceedings of the National Conference of the Norwegian Society of Quality Care*. [Norsk forum for kvalitet i helsetjenesten]. Soria Moria, Oslo, Norway (April).
- Ruland, C.M.** (1993). Resource management in nursing based on quality. (Paper presentation). *Proceedings of the International Symposium on Quality Assurance in Nursing*, University of Lancashire, Preston, England (March).
- Ruland, C.M.** (1991). Patient classification and standards of care. A method to document the need for personal resources and to improve the quality of care. [Pasientklassifisering og utvikling av standarder for sykepleiekvalitet. Et redskap for å dokumentere behovet for personalressurser og å bedre kvaliteten av sykepleietjenester]. (Paper presentation). *Proceedings of the National Conference on Quality Assessment and Improvement* [Nasjonalt konferanse om kvalitetssikring i sykepleiepraksis]. Norwegian Nurses' Association. Bergen, Norway (November).

- Ruland, C.M.** (1991). The importance of leadership style and leadership philosophy for successful quality assurance. [Betydningen av lederstil og ledelsesfilosofi for kvalitetssikring]. (Paper presentation). *Proceedings of the National Conference on Quality Assessment and Improvement* [Nasjonal konferanse om kvalitetssikring i sykepleiepraksis]. Norwegian Nurses' Association. Bergen, Norway (November).
- Ruland, C.M.** (1991). Important factors for successful quality improvement – a leadership perspective. [Hvilke faktorer har betydning for at standardutvikling lykkes? - et ledelsesperspektiv]. (Paper presentation). *Proceedings of the Biannual Nordic Conference of the Federation of the Nordic Nurses' Association*, Klekken, Norway (January).
- Ruland, C.M.** (1989). Information technology in nursing – tool, challenge or threat? [Informasjonsteknologi i sykepleie- redskap, utfordring eller trussel]. (Key note). *Proceedings of the Biannual Symposium of The Federation of the Nordic Nurses' Association*, Copenhagen, Denmark (September).
- Ruland, C.M.** (1989). Patient classification and the quality of nursing care. [Pasientklassifisering og kvalitetssikring i sykepleietjenesten]. (Paper presentation). *Proceedings of the Biannual Symposium of The Federation of the Nordic Nurses' Association*, Copenhagen, Denmark (September).
- Ruland, C. M.** (1988). The importance of a quality assurance program for the care of infants with congenital heart failure. (Paper presentation). *Proceedings of the 11th Congress of The European Society of Cardiology*, Vienna, Austria (September).

C.2. Submitted Abstracts

D. Text Books and Book Chapters

D.1. Books

- Ruland, C.M.** (2000). Helse- og sykepleieinformatikk: Hvordan IKT kan bidra til utvikling av en bedre helsetjeneste]. [Introduction to Nursing and Medical Informatics]. Gyldendal Akademisk, Oslo, Norway. ISBN: 82-417-1222-7, (216 p).
- Swedish translation: **Ruland C.M.** (2002). Vårdinformatikk. Hur användning av informations-och kommunikationsteknologi kan utveckla vård och omvårdnad. Natur och Kultur, Stockholm, Sweden
- Danish Translation: Ruland, CM (2002). Sundhetsinformatik for sygeplejestuderende. Hvordan IKT kan bidrage til udviklingen af et bedre sundhedsvæsen. (Dansk oversettelse). ISBN_ 87-12-03800-8
- Ruland, C.M. & Hoy, D.** (1993): *Information technology and nursing*. [Datateknologi og sykepleie - Hvem setter premissene?] Ad Notam Gyldendal, Oslo, Norway (190 p).

D. 2 Book Chapters

- Ruland, C.M.** (1998). Decision support for integrating patient preferences in nursing care. [Edb-basert beslutningsstøtte for å integrere pasientenes preferanser i planleggingen av sykepleien]. In Fagermoen, M.S, Nord, R., Hanestad B.R. og Bjørnsborg E. (eds). p. 304-312.: *From Art to Colic: Glances of Nursing Research in Norway* [Fra kunst til kolikk - glimt fra sykepleieforskningen i Norge]. Oslo: Universitetsforlaget.
- Ruland, C. M., Kresevic, D., Brennan, P. F. & Lorensen, M.**(1997). Decision Support for assessing patient preferences for geriatric care. (p. 296-299). In Gerdin, U., Tallberg, M., & Wainwright, (eds). p. 296-299. In: *Nursing Informatics. The impact of nursing knowledge on health care information systems*. IOS Press: Omsha, Washington, DC. ISSN 0926-9630.

E. Reviews, Newsletters, Editorials, Survey Papers and Publications in Non-refereed Professional Journals

- Ruland, C. M.** (2002). Informert pasientmedvirkning: Å omsette visjon til praksis. HMT. Fagtidsskrift for helse, medisin og teknikk, 4, 16-18. ISSN 1501-7729.
- Delaney, C. Thoroddsen, A., **Ruland, C.M.** & Ehnfors, M. (2000). Linking hands online: The Scandinavian connection. *Reflections on Nursing Leadership* 26(4), 20-23.
- Ruland, C. M.** (2000). Styringsproblemer i sykepleietjenesten. *Tidsskriftet Sykepleien*, 15, 56-58.
- Ruland, C. M.** & Ravn, I.H. (2000). Et godt ledelsesverktøy – stor gevinst. *Tidsskriftet Sykepleien*, 16, 54-56.
- Ruland C. M.** (1999). Nursing Research at Aker Hospital. Presentation of CHOICE project .[Sykepleieforskning: Presentasjon av CHOICE prosjektet. *Psyke og Soma, Journal for Aker Hospital*, [Bedriftsblad for Aker Sykehus], 3-4/99, 12-13.
- Ruland C. M.** (1999). Presentation of two Norwegian National Projects: *Nursing documentation in the computer-based patient record*, and *Evaluation of ICNP* (International Classification of Nursing Practice). 7/99; p ACENDIO (Association of Common European Diagnoses, Interventions and Outcomes) Newsletter, No 6 - July 1999, page 11-13.
- Ruland, C. M.** (1998). The patient knows best what matters to him. [Pasienten vet best hvor skoen trykker]. *Appollon. Journal of the University of Oslo*. [Tidsskrift fra Universitetet i Oslo] 2, 34-36.
- Ruland, C. M.** (1992). Assurance of quality care at Aker Hospital. [Sikring av kvalitet og service av Aker sykehus tjenester]. *Akerskopet* 2/92.
- Ruland, C.M.** (1991). Patient classification and quality assurance. [Pasientklassifisering og utvikling av standarder for sykepleiekvalitet] *Akerskopet* 2/91.
- Ruland, C.M.** (1990). The relationship between professional competence and quality of care. [Bedre pasientomsorg med bedre kompetanse]. *Sykepleien*, 7, 2-8 (Norwegian Journal of Nursing).
- Ruland, C.M.** (1989). Patient classification and standards of care I. A model for documenting the need for personal resources and quality improvement. [Pasientklassifisering og standarder for sykepleiekvalitet I: En dokumentasjonsmodell for behovet for personalressurser og for å bedre kvaliteten i sykepleien]. in *Sykepleien*, 18, 20-23 (Norwegian Journal of Nursing).
- Ruland, C.M.** (1989). Patient classification and standards of care II. Documentation as administrative tool for resource management. [Pasientklassifisering og standarder for sykepleiekvalitet II. Dokumentasjon av pasientenes krav til sykepleie som administrativt redskap til personalforvaltning]. In *Sykepleien*, 19, 13-16, (Norwegian Journal of Nursing).

F. Academic Reports

- Ruland, C.M., & Ravn, I.H.** (2000). Evaluation results of CLASSICA: A resource management system for nurse administrators. [Resultater av CLASSICA, et ressursstyringsystem for sykepleietjenesten (20 p).
- Norwegian Nurses' Association: (1995) *Information technology as a tool in nursing*. [Informasjonsteknologi som verktøy i sykepleien]. Written parts of report on behalf of the Norwegian Nurses' Association.

Ruland, C.M. (1989). *Information technology in nursing – tool, challenge or threat?* [Informasjonsteknologi i sykepleie- redskap, utfordring eller trussel]. Published by The Federation of the Nordic Nurses' Association, ISBN nr. 82 - 7269 - 049 - 7. (104 p).

H. Interviews/Reviews

Verdens Gang (Norwegian National News Paper). 9.6.1998. p.11. The patient knows best what matters [Pasienten vet best] (Journalist Gry Remme).

H. Papers in preparation/under revision

Ruland, C.M. & Moore S.M. Abstracting nursing care from patient records for research purposes. *Journal of Nursing Measurement*

Ruland, C. M. Nurses' perceptions of the usefulness of a DSS for preference- based care planning in clinical practice. *Computers in Nursing*

Ruland, C.M. Including patient preferences in nursing care: Challenges for nursing education. *Journal of Nursing Education*.

Ruland, C. M. The relationship between elderly patients' preferences for functional performance and their physical functioning. *Geriatric nursing*

Ruland, C.M. Clinician's opinions about decision support systems for preference-based care. *BMJ*

Invited Speaker

A. International

- 2000 *Chapter of the Chief Nurse Directors of Iceland, Classica – a Decision support System for nurse managers. Hotel SAGA, Reykjavik, May 31.*
- 2000 *The Shared Decision Making Forum, Oxford, England: Presentation title: A framework for developing decision support systems for preference-based care planning. April, 13th.*
- 2000 *Invitational Post-conference following the 7th International Symposium on Nursing Informatics: The role of informatics in the integration of evidence into work process control and outcome management across the continuum of care. Auckland, New Zealand. Paper title: Patient preferences as the source of evidence for care planning and outcome evaluation (May 2).*
- 2000 *Panel presentation at the pre-conference workshop on the International Classification of Nursing Practice (ICNP) prior to the 7th International Symposium on Nursing Informatics: Auckland, New Zealand. Paper title: How closely does the beta version of ICNP meet the requirements of a good nursing nomenclature (April 28).*
- 2000 *Hogskuli Islands, Reykjavik, Iceland, Paper title: A Research Program for Preference Based Care Planning. (February 2)*
- 1998 *International Symposium on Nursing Diagnoses, Örebro, Sweden, Paper title: Patients' choices integrated in nursing care planning [Pasientens val integrert i vårdplaneringen].*

(October).

- 1997 *Invitational Post-conference following the 6th International Symposium on Nursing Informatics: Informatics and Patient and Clinical Guidelines. The State of Knowledge and a Vision.* Stockholm, Sweden. Paper title: Integrating patient preferences in nurses' care decisions: Clinical research and its implications for informatics (October).
- 1993 *International Symposium on Quality Assurance in Nursing*, University of Lancashire, Preston, England. Paper title: Resource Management in Nursing Based on Quality (March).
- 1989 *Biannual Symposium of the Federation of the Nordic Nurses' Association*, Copenhagen, Denmark. Paper title: Information technology in nursing – tool, challenge or threat? [Informasjonsteknologi i sykepleie- redskap, utfordring eller trussel?] (September).
- 1989 *Biannual Symposium of The Federation of the Nordic Nurses' Association*, Copenhagen, Denmark. Paper title: Patient classification and the quality of nursing care. [Pasientklassifisering og kvalitetssikring i sykepleietjenesten] (September).

B. National

- 2000 CLASSICA- resource management system for nurse managers. [CLASSICA-et elektronisk ressurs- og økonomistyringssystem for ledere av sykepleietjenesten]. Anniversary of the Institute of Nursing Science, exhibition. National conference of the Norwegian Nurses' Association, Bergen, September 2000.
- 2000 Nursing documentation in the electronic patient record: Challenges and advantages. [Utfordringer og muligheter med elektronisk sykepleiedokumentasjon]. *Docu-Live pasientjournal, brukerforum, February 10th, 2000.*
- 1999 *National Conference on Nursing and Technology*, University of Oslo, Paper title: Decision support for nurse managers [Elektronisk beslutningsstøtte for avdelingssykepleiere] (June).
- 1999 *National Conference on Nursing and Technology*, University of Oslo. Paper title: Use of information systems to support clinical nursing practice [Beslutningsstøttesystemer i klinisk sykepleiepraksis] (June).
- 1999 *National Conference on Information Technology in Health Care*. Infomedicus, Gardermoen. Paper title: Resource management in nursing. [Ressursstyring i sykepleietjenesten] (April).
- 1998 *Regional conference on the Use of Computers in Health Care*, Polytechnics, Molde. Paper title: Decision support systems in clinical practice. [IT som beslutningsstøtte i klinisk praksis] (October).
- 1994 *Annual Symposium of the Norwegian Society of Nursing Research on Nursing Care Quality and Economy*, Oslo. Paper title: Clinical decision making processes in nursing and their documentation. What do computers offer? [Kliniske beslutningsprosesser i sykepleie og dokumentasjonen av disse. Hva kan datateknologi tilby?] (March).

C. Regional

- 2001 *Abstracting the Evidence to Design Evidence-and Patient Preference Focused Informatics Applications.* Workshop for the Columbia University Faculty and Trainees at the Department of Medical Informatics and School of Nursing, NY, November 9.
- 2000 *Palm top- based decision support for including patient preferences in patient care.* CIS Grand Rounds, Dartmouth Hitchcock Medical Center, Lebanon, NH December 7, 2000
- 2000 Integrating patient preferences into interdisciplinary processes of care: methods and evaluation. *Research in Progress, Dartmouth Medical School, Hanover, NH, October 23, 2000*
- 2000 *Presentasjon av resultater fra CHOICE prosjektet.* Aker Sykehus, 10.10. 2000
- 2000 *Presentasjon av Classica, beslutningsstøtte for ressursstyring i sykepleietjenesten.* Executive nurse manager group, Ullevål hospital, August.
- 2000 *Presentasjon av Classica, beslutningsstøtte for ressursstyring i sykepleietjenesten.* Oversykepleierråd, Aker sykehus [Executive nurse manager group], January.
- 2000 *Presentasjon av Classica, beslutningsstøtte for ressursstyring i sykepleietjenesten.,* Central Hospital in Akershus [Executive hospital directors and nurse managers], January.
- 2000 *Presentasjon av Classica, beslutningsstøtte for ressursstyring i sykepleietjenesten.,* National Hospital, Norway [Executive hospital directors and nurse managers], January.
- 1999 *Ressursstyring i sykepleietjenesten [Resource management in Nursing].* Institute of Nursing Science, Lecture for Master students. November.
- 1999 *Presentasjon av Classica, et redskap for økonomistyring og overtidskontroll. [Presentating Classica, a tool for budget planning and controlling use of overtime].* Oversykepleierråd, Ullevål sykehus [Executive nurse manager group], Ullevål University Hospital, November.
- 1999 *Symposium for Nursing Research and Professional Development, Ullevål University Hospital.* Paper title: The patient-clinician alliance. A method to improve shared decision making. [Pasienten som klinikerens samarbeidspartner: Pasientens preferanser som beslutningsgrunnlag i pasientbehandlingen] (May).
- 1999 *Research Workshop of the Institute of Nursing Science, University of Oslo.* Paper title: Preference stability during the course of hospitalization (May).
- 1999 *Research Workshop National Hospital, Oslo.* Paper title. Integrating patient preferences for self-care capability in patient care (April).
- 1999 *Educational Nursing Workshop, Ullevål University Hospital.* Paper title: The relationship between changes in physical functioning and changes in patient preferences for functional performance (April).
- 1998 *Research Workshop of the Department of Medicine, University of Oslo.* Paper title: Decision support to include patient preferences in clinical care decisions. Effect on nursing care and patient outcomes (November).
- 1998 *Research Workshop of the National Research Program of Clinical Communication, Oslo.* Paper title: Shared decision making between clinicians and patients: Effect on

patient outcomes (June).

1998 *Research workshop of the Institute of Nursing Science*, University of Oslo. Paper title: Integrating patient preferences for self-care capability in nursing care: Effect on nurses' care priorities and patient outcomes (May).

Teaching Experience – Full Courses

Spring 2000 Web-based course in Nursing Informatics. A Scandinavian collaboration. Nordplus funded. Master level course.

Fall 1998,
Winter 1999
Spring 1999 SPSS statistics master level course (18 hours per course)

Fall 1998 Research Methods (5 credit hours master level course)

Fall 01
Spring 02 Informatics for Evidence based- practice. 4 lectures (12 h), Master Program in Nursing Informatics, Columbia University

Spring 02 G4051 Clinical Decision Support (3 lectures (9 h), Master Program in Medical Informatics, Columbia University

Graduate Students

PhD (Doktorgrad):

Chair of dissertation committee (leder for bedømmelseskomiteen).

Mishra, Vinod. A micro-costing approach to determine in-patient hospital costs.

Principle Advisor:

Schou, Inger (initiated February 1999). Personlighetstrekk, psykologiske reaksjoner, mestring og livskvalitet hos norske brystkreftopererte kvinner [Stress and coping in women with breast cancer]

Master students (Hovedfag)

Husebø, Sissel (completed August, 1999). The effect of a counseling program for CHF patients' on their physical and psychosocial functioning and coping strategies during the first month after hospitalization. [Effekten av et veiledningsprogram på hjerterpasienters fysiske og psykososiale begrensninger og mestring av det å leve med hjertesvikt den første måneden etter utskrivning fra sykehus]. Master thesis.

Hommelstad, Jorun (completed October, 1999). Barriers to and facilitators of research utilization, as perceived by operating room nurses [Operasjonssykepleierens opplevde barrierer og muligheter for bruk av forskningsresultater i praksis]. Master thesis.

Braaten, Lill (completed October, 1999). Stress and anxiety levels in heart surgery patients [Stress- og angstnivå hos pasienter som skal hjerteropereres]. Master thesis.

Ravn, Ingrid (completed September 2001). Evaluering av CLASSICA, et ressursstyringsystem for sykepleietjenesten [Evaluating the effects of an electronic resource management system for nurse managers]. Master thesis.

Oppheim, Ann Elise Samsvar og forskjeller mellom pasienters preferanser for funksjonsevne og sykepleiernes prioriteringer. [Congruence and differences between patient preferences for functional performance and nurses' care priorities.]

Ellingsberg, Astrid Effekten av et systematisk datainnsamlingsreskap på kvaliteten av sykepleiedokumentasjonen. [The effect of systematic patient assessment on the quality of nursing documentation]

Wensaas, Liv Developing a critical pathway for nutrition of stroke patients- a tool of information handling in nursing practice?

Sørli, Anne The relationship between nursing costs and DRG.

Co- advisor (Biveileder):

Irene Lie After the golden hour is there still a question of life... Nursing to the multi-trauma patient. Etter den gyldne time star det fortsatt om livet. Sykepleie til den multi-traume pasient. (completed September, 1999).