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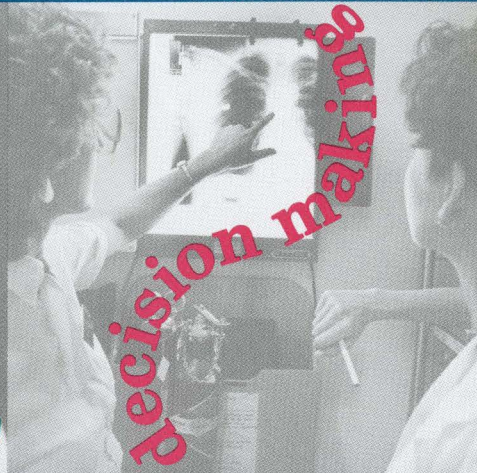
NURSING PROGRESS

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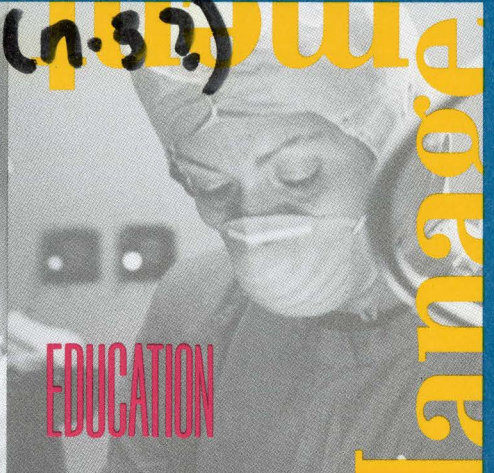
Spring 1991

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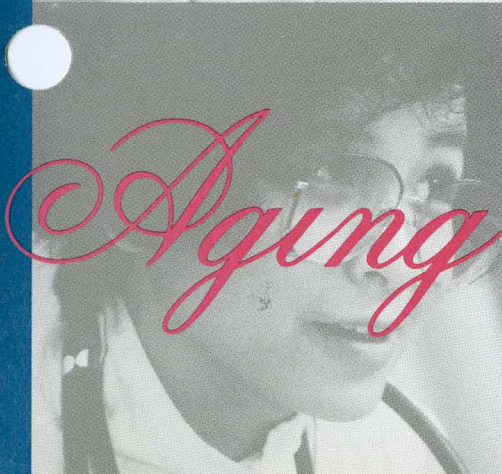


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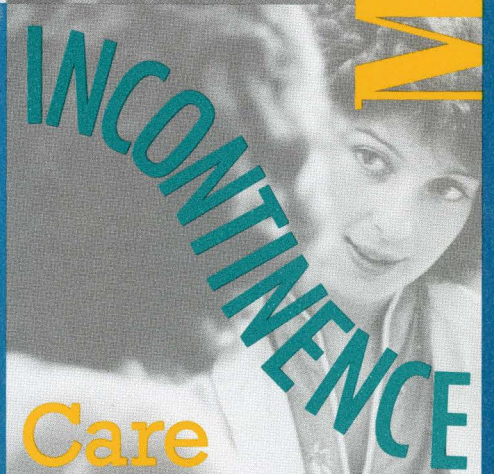
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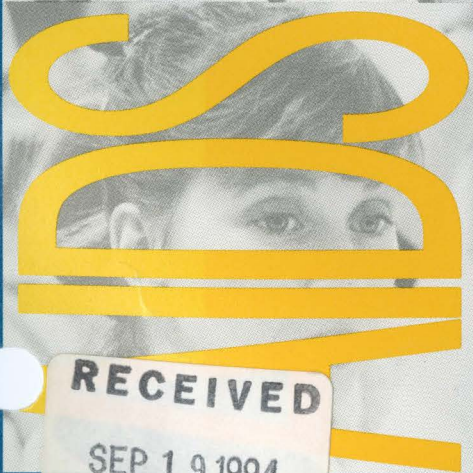


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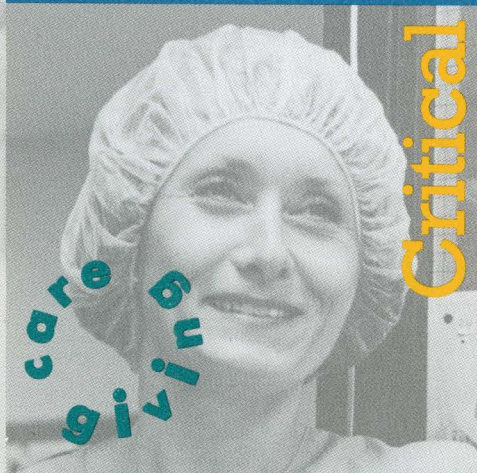
SPECIAL
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INCONTINENCE
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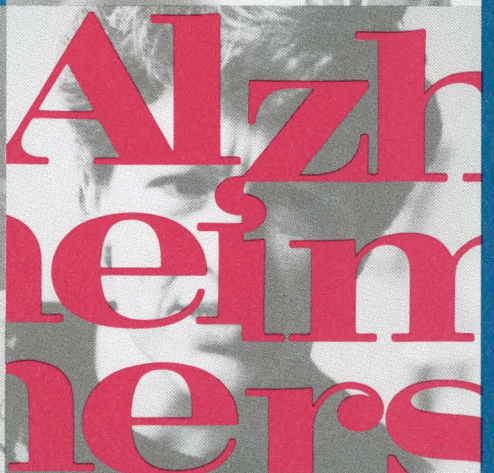


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A Message from the Dean



This, the final decade of the 20th century, will see unprecedented changes in both the science behind nursing and the profession itself. Nursing's "Roaring '90s" have begun.

The current nursing shortage (some 15% of available positions are unfilled) is the forerunner of incredible demand for appropriately educated nurses—by the year 2000 nursing will become the second most-in-demand profession in America. Federal estimates project that today's 1.6 million working nurses will be joined by the holders of 600,000 new nursing positions that will be created in this decade. The nation's largest health profession will experience unequalled growth and opportunity. Perhaps no other career is redefining itself so rapidly.

At the Oregon Health Sciences University School of Nursing, we see the foundation for nursing's Roaring '90s firmly resting upon education and research. Education that produces the best-prepared nurses, and research that explores and expands the boundaries of nursing. In today's parlance, you are either "behind the curve" or "beyond the curve"—health care is changing so fast that there is precious little static space *on* the curve. In curriculum, in method and in facilities, the OHSU School of Nursing has a pervasive commitment to the territory beyond the curve.

This special issue of *Nursing Progress* is intended to show a few examples of that commitment—and its results. Beyond our valued alumni and friends, this issue speaks to all nurses who seek a leading-edge environment for their continued education (OHSU is recognized as one of the ten most outstanding nursing education and research centers in the nation); to nurse researchers who appreciate the scope, quality and success of OHSU's research program (funding increased 800% during the 1980's); and to all health care consumers in Oregon who value the difference that top-flight education and frontline research will make to their future experiences with medical and social services.

To you, the health care consumer, we bring examples of caring and success, along with an appeal to help secure your health care future by supporting the OHSU School of Nursing. Many factors are bringing nursing to the center of the coming rebirth of America's health care system, and your support is vital, from helping the students who will be tomorrow's nurses to completing the new School of Nursing Building, where tomorrow's nursing breakthroughs will occur. This year's nursing research results are next year's improved nursing care for you and your family.

And to you, the nurse entering the Roaring '90s, we bring a few examples of the kind of work that is done at OHSU and the respected faculty members who guide that work, along with an invitation to explore the learning environment at our School of Nursing. Your career will challenge you in countless unforeseen ways—there are few places that can prepare you and allow you to grow as fully as OHSU. It is no accident that after evaluating 50 competing programs nationwide, the National Center for Nursing Research, National Institutes of Health, has chosen OHSU for not one but two of the fewer than 20 prestigious Institutional National Research Service Awards (*please see page 9—Ed.*).

The OHSU School of Nursing spans Oregon with outreach campuses and programs throughout the state, and the future holds much more—our new building will be electronically linked with a multitude of learning sites in every corner of Oregon. The future of nursing and health care is waiting for us, out in the territory "beyond the curve". On behalf of the OHSU School of Nursing, I invite you to join us in the adventure.

Carol Lindeman, R.N., Ph.D., F.A.A.N.

The Epidemic

AIDS. In the age of miracle medicine, America had forgotten what it was like to face an incurable, baffling disease rapidly growing to epidemic proportions. Now we remember.

OHSU School of Nursing researchers are focusing on the role of health care providers in meeting AIDS patients' needs, in delivering health services safely—both for the provider and the institution—and in understanding the communities at risk from this disease.

Two recently completed projects, funded by the National Center for Nursing Research, examine both patient and provider.

Associate Professor Marie Berger and Professor Caroline White have assessed the readiness of Oregon agencies to treat AIDS patients. Are adequate policies and procedures in place? And what is the role of chief nurse executives in shaping those policies and procedures—and even the attitudes of their staff?

Berger and White's two-phase study surveyed chief nurse executives in hundreds of certified hospitals, skilled nursing facilities and home health agencies in Oregon. The fear and uncertainty that surround AIDS were reflected in an incredibly high questionnaire return rate—97% of hospitals, as well as 76% of skilled nursing facilities and 84% of home health agencies responded! Obviously this is an issue nurse executives *want* to talk about. Phase two of the study involved personal interviews with selected chief nurse executives around the state.

The picture that emerged was one of nurses who wanted to give care, while a range of factors worked to inhibit that care: personal, family and institutional fear of AIDS, confidentiality issues that keep charts incomplete, inadequate reimbursement, and too few resources. In the face of those factors, nurses and communities around Oregon find themselves coming together for education and support. The specifics of Berger and White's work are already being used, from the state health division to the chief nurse executives themselves, to plan and target many different programs.

The sheer uncertainty surrounding every aspect of the AIDS epidemic is such that what should be good news often isn't seen that way by the people at risk. In the largest of those groups, the gay community, HIV testing often produces strange reactions. Men who test negative for the presence of HIV should be relieved, but are often shaken and depressed upon discovering they *don't* have it. This seemingly backward reaction was one of the issues addressed by Associate Professor Barbara Limandri in her study of uncertainty in the gay community regarding HIV testing. Limandri, along with research assistant Kelly McClain, discovered that gay men don't get HIV testing until they are already very convinced they are positive for the virus, and are ready to deal with that. When they find they are negative, many react with depression. Distrust of the test results, "survivor guilt", and an "it's just a matter of time until I get it" attitude often combine to deflate what should be positive news.

Limandri also found that gay men who were negative or untested for HIV had a system of "self-testing" in which they kept close tabs on the health status of all their past sexual partners. "Glad to see you're still alive" is a powerful sentiment for gay men who have stopped attending funerals after the first 20 or so—imagine 20 of your close friends all dying in a short period of time and you'll get a feeling for the term "grief exhaustion".

Limandri's findings should help health providers be prepared for the uncertainty and seemingly strange reactions of AIDS patients and those at risk. This kind of nursing research is ultimately reflected in improved nursing practice.

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CAROLINE WHITE
B.S., Columbia, 1962. M.P.H., 1964; D.P.H., 1974, Johns Hopkins. White has been an ICU staff nurse, a visiting nurse in Harlem, and a consultant to the Maternity and Child Welfare Assoc. of West Pakistan. Before coming to OHSU she taught at University of Maryland and Memorial University of Newfoundland.



MARIE BERGER
B.S., University of Houston. M.S., University of Utah. Ph.D., Portland State University. She has been an operating room nurse, an OR supervisor and an associate director of surgical nursing. She taught at University of Utah before coming to OHSU in 1972. She spent 1982-85 as director of nursing at two hospitals in Saudi Arabia.



BARBARA LIMANDRI
B.S.N., Medical College of Virginia, 1970. M.S.N., Catholic University of America, 1973. D.N.Sc., UCSF, 1985. She has been a psych unit staff nurse and has maintained a mental health nursing practice. Besides OHSU, she has taught at West Virginia University, San Francisco State and UCSF.

Growing Old.



JOYCE COLLING

B.S.N., 1962; M.S.N., 1964, OHSU. Ph.D., U. of Wash., 1985. Fellow, Am. Aca. of Nursing, 1989. Colling joined OHSU in 1964, after being a hospital staff nurse. She is Chair of the Comm. Health Care Systems Dept., and one of the country's leading experts on incontinence care. She is an honorary dean of China's Dalian Military School of Nursing.



PATRICIA ARCHBOLD

B.S.N., Columbia, 1966. M.S., UCSF, 1970. D.NSc., UCSF, 1980. Fellow, Amer. Academy of Nursing, 1983. Archbold has been an orthopedics staff nurse and a clinic administrator, and has taught at Columbia, UCSF, Ohio State and Rutgers prior to OHSU. She is one of America's top experts on gerontological care.



BARBARA STEWART

B.S., 1966; M.S., 1968; Ph.D., 1969, Purdue University. A noted statistician and psychometrician, Stewart, before coming to OHSU, taught at Purdue, Oklahoma State University and Portland State University

Perhaps none of the School of Nursing's many research areas have more universal importance than gerontology and long-term care. Health care for the exploding population of elderly Americans will be one of the greatest challenges for nursing—a challenge that's already begun.

Three examples of the School's gerontology-related research show OHSU's response to that challenge:

Professor Joyce Colling directed a National Center for Nursing Research-funded project—the School's largest at more than \$1.3 million—designed to develop and test a new system of patterned urge-response toileting (PURT) for urinary incontinence. This major problem affecting many older persons (at a cost of more than \$6 billion each year) will be lessened by Colling's system, which uses electronic monitoring to establish a patient's normal voiding cycle, then prepares a toileting schedule around that cycle. The outcome is that patients stay drier and more comfortable when the schedule is maintained. The process is both natural and individualized.

A newly funded study will test the PURT program with care-dependent community elderly, looking both at the incontinent person and their caregiver, with the goal of providing those caregivers with a practical, cost-effective strategy for managing incontinence.

The trials, tribulations and rewards for family caregivers are the basis for the bulk of Professor Pat Archbold's work. The development of a unique, three-phase caregiving support program called PREP, based on the findings of her recent major study of the influential factors in a family caregiving situation, is the subject of her latest project, funded by the NCRN. Her research partners include Barbara Stewart, Merwyn R. Greenlick (Chair of Public Health and Preventative Medicine at OHSU) and Barbara Valanis (Senior Investigator at the Center for Health Research at Kaiser Foundation Hospitals).

In the first component of the PREP program, when an older person comes home from the hospital, visiting nurses will assist the older person and the family caregivers in reaching competence in the caregiving tasks. The nurse will also help design an effective, predictable routine. Innovatively, the nurse will also work with both parties to help them determine how they might enrich the caregiving experience. Music, the nature of the surroundings—anything might be considered.

The second component begins at the same time as the in-home visits by the nurse. A 24-hour caregiving advice line is made available, staffed by nurses familiar with each case. The third component involves regular monitoring of the family for one year, watching for changes in behavior or stress levels and intervening to reduce strain and enhance health.

More and more families will find themselves caring for elderly parents—as with most School of Nursing projects, there is nothing esoteric about these research efforts. They are directly related to real life challenges.

Professor and statistician Barbara Stewart's and Professor Archbold's current project, funded by the Alzheimer's Disease Center of Oregon, also deals with caregivers, in this case caring for persons with Alzheimer's disease. This project is the preamble to an eventual study of the experiences of those caregivers, and seeks to develop questionnaires and other measurement tools that most accurately capture and quantify the experiences and attitudes of the subjects. The art of research is often contained in the questions asked, and Professor Stewart is adept at creating measures that reflect accuracy and sensitivity. This particular project involves interdisciplinary researchers from OHSU, Oregon State University, Portland State University and Portland's Good Samaritan Hospital.

OHSU's School of Nursing is in the top 1% nationally in research productivity, and has received more than \$4 million in federal funding for nursing research over the past five years.

The Dark Side

The territory explored by nursing research is large, and its boundaries often extend into the shadow zones of our society. OHSU School of Nursing researchers are examining the issues surrounding the dark side of family life in America: family violence and child abuse. Two current projects look at how family violence comes to light, and how to help children recover from abuse and neglect.

Professor Virginia Tilden directs an interdisciplinary project studying the ethical reasoning used by health care providers in identifying and responding

Among others, OHSU focuses on these areas of nursing research: AIDS, care in acute and chronic illness, family health care, gerontology and long-term health care, at-risk infants and children, instrument development, family violence and practice advancement.

to victims of family violence. Representatives from nursing, medicine, dentistry, social work and public health are involved, investigating and comparing providers' attitudes, beliefs, values and their training and decision processes. Under scrutiny are the cues that lead providers to suspect family violence (often dentistry sees evidence first), and what actions providers then take—reporting? intervention? The results of this unique study,

the first of its kind, will become part of educational training for all health care disciplines, and will reflect on policy decisions and clarifications in areas like mandatory reporting. Interestingly, Professor Tilden's project is funded by the Medical Research Foundation of Oregon, which generally funds only physician researchers. MRF also funded some of Associate Professor Katherine Crabtree's work on interventions to improve exercise among non-insulin-dependent diabetics.

When child abuse, whether physical, sexual or by neglect, is discovered, the state often removes the child from the family. The children receive what is called day treatment, then about half are placed with adoptive families and half are returned to biological families. Assistant Professor Gail Houck and Associate Professor Mary Catherine King are exploring what happens to these kids and the families to which they go.

This Nursing Research Emphasis Grant is a follow-up study of maltreated children, assessing the children's social, emotional and behavioral adjustment after day treatment. The project also seeks to identify family characteristics that are most conducive to the best outcomes for the children.

The study's initial results show that just stopping the abuse itself doesn't make the child whole again. While the official government bias is toward returning children to their biological families, Houck and King show that adoptive families often do more things right to aid a child's recovery—things like strong nurturing and maintaining structure while avoiding physical discipline. These are things that the researchers feel need to be taught to biological families if abused children are to be returned to them. Other findings show that while the abused child's behavior improves greatly after time, especially in adoptive families, they still carry a lot of psychological baggage of distrust and disruption. Continuing therapy is needed.

Houck and King's findings have many implications for policy, treatment and intervention. Since abuse as a child is a strong predictor of later social and criminal problems, this project has meaning not just for the children and their families, but for all of society—which is the case for so much of nursing research.

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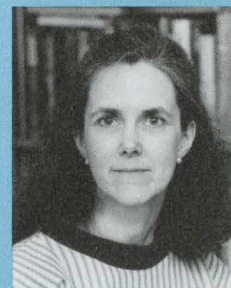
Patient care and human behavior are the issues of nursing, which means nurse researchers seldom conduct their studies in a laboratory. Their workplace is the bedside, the clinic, the community, the home.



VIRGINIA TILDEN
B.S., Georgetown, 1967. M.S., 1971; D.NSc., 1981, UCSF. Fellow, Amer. Aca. of Nursing, 1988. She has been a psychiatric nurse and a clinical teacher in psych and mental health nursing at UCSF and University of San Francisco before joining OHSU. She has a certificate in health care ethics from U. of Washington.



GAIL HOUCK
B.S., University of Washington, 1974. M.N., OHSU, 1977. Ph.D., Washington, 1987. Houck has been a staff nurse and a clinical specialist in psychiatric nursing. She has maintained a private practice as a psychiatric-mental health nurse practitioner since 1983. She joined OHSU in 1987.



MARY CATHERINE KING
B.S., 1965; M.Ed., South Dakota State, 1967. Psy.D., Pacific University, 1987. King has been a community health nurse and a clinical specialist in mental health. Joining OHSU in 1975, she has maintained a private practice in psychotherapy since 1982. She is also a consultant to Eastern Oregon State Hospital.



JEANNE WISMER

B.S.N., 1969; M.S.N., 1970, UCLA. Pursuing doctorate at Gonzaga University. Prior to teaching at OHSU's outreach campus in La Grande, Oregon, Wismer was a staff nurse at a large hospital, a rural school nurse, a rural county public health supervisor and a nurse/counselor in an Alaskan alcoholism program. She was with the Peace Corps in Turkey.



CHRISTINE TANNER

B.S.N., University of Northern Colorado, 1969. M.S., UCSF, 1972. Ph.D., University of Colorado, 1977. A leading expert in the area of expert clinical judgement, Tanner has been a staff nurse in ICU, coronary care and oncology. She came to OHSU in 1979 after teaching at U. of Colorado and U. of Northern Colo.



JOYCE CRANE

B.S., Adelphi Univ., 1955. M.S.N., Case-Western Reserve Univ., 1960. Ph.D., U. of Michigan, 1989. Over nearly four decades in nursing, Crane has been a med/surg nurse and an asst. head nurse at Duke Univ. Med. Center. She has taught at Duke, Rutgers and the U. of Michigan. She came to OHSU in 1981.

The Needs of the Many

Jeanne Wismer is an assistant professor in community health nursing at the School's outreach campus in La Grande, Oregon. Centered in the high country of the state's northeast corner, the outreach campus brings the resources of the School of Nursing to the rural environment, where health care providers can be as rare as traffic jams.

The little town of Rock Creek had been trying for a good long while to get someone to listen to their concerns over what they saw as an alarming incidence of cancer in their community of less than 1000 people. Locals had several generations of cancer in their family histories. One woman had a list of 45 relatives and friends who had been stricken. There was even a man whose dog, horse and cat had died from cancer.

When Wismer heard about Rock Creek, she immediately began a comparative cancer cluster study. Rock Creek had at last found someone to listen. Wismer found a nearby control community, and compared 23 major cancer types going back more than a decade. She found that the people of Rock Creek were right: there were significantly higher cancer rates for men and women in the area. Cancer risk for women in Rock Creek was 45% greater than for the control community.

While the complexity of the different cancer types represented precludes any easy answers as to their cause, Wismer's study attracted more attention to Rock Creek, and demonstrated the importance of a centralized tumor registry and a cancer reporting law. Other cluster studies and in-depth environmental studies have been prompted—and by finding the sympathetic and prepared ear of the School's Jeanne Wismer, the people of Rock Creek will eventually know more about why they are at risk.

The Art and Science of Nursing

Theory, research, practice—all are part of the nursing art. This constantly changing continuum is the focus of two prominent School of Nursing research projects.

Professor Christine Tanner is perhaps the dean of all nurse researchers in the complex area of expert clinical judgment. Today Tanner, the coauthor of several books on clinical judgment, is embarked along with Patricia Benner of the University of California at San Francisco on a major national study on the development of expertise in clinical judgment in the area of critical care nursing. The study is funded by the independent Helene Fuld Foundation. Tanner and Benner seek to understand how experienced, expert nurses arrive at their decisions, and how their process differs from beginning nurses. The results will help teach beginners to be more effective.

In the course of the study, several things have become apparent. The concept of simply following "doctor's orders" no longer applies. For example, a physician may write an order to titrate a particular drug "as needed". The nurse must decide what volume over what time for that individual patient, striving to maintain an often fragile balance. Also apparent is the complexity of the issues that nurses—who often know the patient in much greater depth than the staff physicians—face regarding family concerns, decisions about resuscitation, how the patient is coping and responding, management of that response and the role of bringing the doctor and the family together in difficult situations. Tanner has identified several factors that affect decision-making: the sense that nursing management will stand behind a decision is critical—the best practice sometimes requires going out a limb. The shortage of nurses, limited resources and ever-more-brief patient stays are factors that make decisions more challenging.

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Progress Notes:

'41

Alice Wiesendanger Jacobson is a retired school nurse practitioner, who lives in Eugene, Oregon with her husband Leonard D. Jacobson, M.D. She is involved in supporting cultural events, traveling, hiking, biking and family.

Elizabeth Cline Mortimore is a retired professor emeritus of Harrisburg Area Community College with a specialty in pediatrics. She resides in Hershey, Pennsylvania with her husband Glenn Mortimore, M.D., who is a professor at Pennsylvania State University College of Medicine. She is active as a volunteer for So. Central Pennsylvania Literacy Council and League of Women Voters.

Elizabeth Peters Sowder is retired and living in Hayden, Idaho. She is married to Charles Sowder, and is involved with Common Cause, League of Women Voters, AARP, Idaho Conservatory League, Kootenai Environmental Alliance.

'46

Patricia Bradley Dale of Concord, California, takes classes at a local college and works two days a week. She is married to husband John. Her son Neil is an internal medicine resident at Stanford Hospital in Palo Alto, California. She enjoys going to Tahoe Incline Village in Nevada. She belongs to a card club and is often visited by friends from Oregon.

Opal Marie Estep Coulson is currently residing in Owosso, Michigan. She has been inactive in nursing since 1971, and is self-employed as a janitor supplies distributor. She is active in the Church of God, Seventh Day.

Evelyn Lamb Hart manages a home health hospice and lives in Culp Creek, Oregon. She developed a home health agency for Cottage Grove Hospital in 1982, a Homemaker/CNA private PAZ program in 1986 and a medicine certified hospice program in 1990. She endeavors in reading, gardening and travel.

Elsie Kalmen Johnson is retired from school nursing and community health nursing, and continues to work part-time with the Clackamas County Health Division in the Child Health Clinics. She lives in Milwaukie, Oregon and likes to travel, hike, read and take care of her

garden, as well as participate in church related activities.

Virginia McMullen of St. Louis, Missouri, is retired from working as a student health nurse at the University of Notre Dame and the Holy Cross House. She is also retired from the faculty of Notre Dame Priests and Brothers. She is involved in national and international youth hostel, ecology and environmental concerns, and is a history museum volunteer.

Betty Jean Neal Milberger coordinates volunteers for Solon Meals on Wheels and volunteers for the Metro Health Center for Skilled Nursing Care in her home town Solon, Ohio.

Ruth Raabe of Mollala, Oregon, is the mother of four children, seven grandchildren and two great-grandchildren. She is retired, and enjoys walking, swimming, aerobics, fishing and traveling. She is active in the Good Sam Travel Club, church and community volunteer activities.

Janet Charley Stocks lives in Coos Bay, Oregon, with her husband Kenneth. She worked general duty in hospitals for a short time then in office nursing until she became a school nurse for the Coos Bay School District. She retired in 1983. She now volunteers at Coos Co. Health Department Immunization Clinics and the Red Cross Bloodmobile.

'51

Elizabeth S. Orner is a school nurse for the Department of Defense Schools. She was in Japan for two years and has been in Germany for ten years, now at Giessen Elementary School in Giessen, Germany. She enjoys travel, skiing, cooking, aerobics and tennis.

'56

Fadhilla Nancy Bradley has worked in various areas of nursing—hospital, outpatient clinics, visiting nurse, public health nurse in the U.S. and overseas. She now works at the University of California Health Service as clinic coordinator and advice nurse in Berkeley, California. She is active in the Bay Area Seefi Community and organizations that further the cause of Tibet and Tibetans.

Mary Mee Musa works in a family practice and peds clinic in Eugene, Oregon. She is a member of Oregon Office Nurses Association, and an associate member of the Oregon Society of Radiologist Technologists. She is also involved in the Emerald Chamber Orchestra

(violinist) and a board member of the University of Oregon International Student Foundation.

Lyn Hartley McConnell lives in Medford, Oregon with her husband Richard. She is inactive in her nursing administration career. She is involved with church and volunteers in various agencies.

Joan Marie Miller Myers is a school nurse in the Tigard-Tualatin School District. She is active in the Oregon School Nurses Association and Delta Kappa Gamma (honorary society for women in education). She and her husband Ken have four daughters and four granddaughters. She likes to golf, and is a member of Christ Episcopal Church.

Elsie Onishi works at Providence Medical Center in Portland, Oregon, as a medical/surgical staff nurse. She and her husband Harold have a son, a daughter and three grandchildren. She is a member of Epworth United Methodist Church and JACL. She enjoys the piano, fishing, mushroom hunting, traveling, music and theater.

Margaret Schafer Wilson of Corvallis, Oregon, works part time in community health for Benton County. She has been married for 35 years to husband Robert D. Wilson, M.D., and has four children and one grandchild. Her activities include family, tennis, golf, P.E.O. and work related activities.

'61

Mary Alice Jones Branson is the nursing supervisor at Mount Hood Medical Center in Gresham, Oregon, where she has worked for 22 years. She is the director of Awana Spunks at Estacada Baptist Church in her home town of Estacada, Oregon.

Alice Faye Stewart Cannon of Milwaukie, Oregon, is an Operating Room Nurse at the V.A.M.C. in Portland. She is active in the local Association of Operating Room Nurses chapter and is nationally certified in operating room nursing, CORN. She won the 1988 Columbia River Chapter of AORN Perioperative Nurse Excellence Award. She is also the reunion coordinator for the class of '61 30-year reunion scheduled for August 23 and 24, 1991.

Joyce Nelson Colling, Ph.D., is a professor of nursing in the community health care systems department at OHSU. She is a fellow in the Academy of Nursing and the Gerontology Society of America. She is a board member for the Northwest Neighborhood Nurses Association and the Benedictive Gero

and LTC Institute. She resides in Portland, Oregon.

Mildred E. Corlett of Portland, Oregon is now retired. She specialized in maternal child health. She did her post graduate studies at Chicago Lying-In Hospital in Maternity Nursing, and continued working at Chicago Lying-In, followed by three years of supervising and teaching at a Presbyterian hospital in Canton, China. She taught obstetrics for 14 years at Emanuel Hospital School of Nursing, which closed its doors in 1975. Since her retirement in 1975, she has volunteered for the Red Cross.

Beverly Ann Hull Kole is currently the Psych. Nursing Supervisor of the Intensive Care Unit at Dammasch Hospital in Wilsonville, Oregon, where she has worked for 4 1/2 years. She has worked 18 years in public health, 3 years in Peds, one year in med/surg psych nursing and one year at CV Morrison Center Family Nursing Program in Portland, Oregon. She is one of five original task force founding parents of the Association of Oregon Children's Trust Fund committee. She is active on boards and committees for programs to assist battered women. She received the Portland's Jefferson Award in 1984 for work with sexually abused children and their parents.

Elaine Mahoney specializes in community health and does contract work with Children's Services Division and OHSU. She volunteers for the Red Cross and does historical research on nursing. She and her husband Robert live in West Linn, Oregon.

Virginia McCraw works in enterostomal therapy in Albany, Oregon. She is chairman of the board of directors for the Linn County Mental Health Association, chairman of the Linn County unit of the American Cancer Society and Chairman of the Health Advisory Committee of the Linn County Health Department. She is involved in Oregon Nurses Association, ANA and NLN; Oncology Nurses Society; International Association of Enterostomal Therapy and the World Council of Enterostomal Therapy.

Sharon Sather Schmidt of Tacoma, Washington, has been a full-time mom for 28 years. She has four children and has spent the last 25 years as a community volunteer. She enjoys travel, gardening and a University of Puget Sound literature group.

Patricia Bracken Seim is an operating room nurse at Good Samaritan Hospital in Corvallis, Oregon, where she has worked since 1964. She has two children including her daughter Jill, who is a

student nurse at OHSU. She is active in her church, and enjoys volleyball, tennis and crafts.

Carolyn Bishop Staples has served as the Nurse Director of George Fox College's Wellness Resource Center for 16 years. She is a member of the American College Health Association and the Pacific Coast College Health Association. She is an active member of Newberg Friends Church, where she is the director of Wednesday Night Club program for third through fifth graders in her home town of Newberg, Oregon. **Sally Timm** is a Mental Health Charge RN on the medical services program ward at Oregon State Hospital in Salem, Oregon. She has overseas experience in refugee nursing and nursing administration in Thailand and Sudan. She is interested in gardening, music and improving access to health care and wellness issues.

'66

Jane B. Allm is the UR/QA coordinator for Capital Health Care Insurance Company in Salem, Oregon. She has three teenage boys and is active with the Boy Scouts of America.

Charlene Davenport is the supervisor of the tumor office and coordinator of surgical oncology at OHSU. She has three grown children and resides in Portland, Oregon.

Fritse Hakkinen is currently the nurse manager of the VNA Hospice team. She is a certified oncology nurse, an ASPO certified childbirth educator, and has worked in public health, discharge planning and as a perinatal coordinator. She is a member of Rolling Hills Community Church, and enjoys down hill skiing, aerobics, walking and her four dogs.

Sally L. Jones of Kailua, Hawaii, is the director of medical, surgical and managed care services at the Queen's Medical Center in Honolulu. She is responsible for operations and direction of 178 acute medical surgical beds focusing in neurosurgery, neurology, orthopedics, urology, general surgery and trauma. She is also the project director for a hospital-wide managed care program.

Stana Manes is the clinical nurse manager and relief night shift supervisor at Tuality Community Hospital in Hillsboro, Oregon. She has two adopted daughters from India, and teaches pre-adopt classes for Plan Loving Adoptions, an agency in McMinnville.

M. Louise Weiss recently moved to Portland in 1990 after living in Roseburg, Oregon for 16 years. She works in a dermatology practice as an office nurse.

She volunteers at a pre-natal clinic at the Outside In and also volunteers at St. Vincent's hospice and the Portland Art Museum.

Judy Witzke is the assistant nurse manager in ICU/CCU in 44 total bed units at Sacred Heart General Hospital in Eugene, Oregon. She is involved in her church and a local community chorus.

'69

Marsha Heims, associate professor of Family Nursing, returned from sabbatical leave March 1, 1991. During her leave, she pursued research interests in health professional education at the University of California at Berkeley and Portland State University. Dr. Heims also completed her doctoral education and successfully defended her dissertation entitled: *An Exploration of Nursing Student's Expectations of Faculty Guidance Related Essential Elements in the Clinical Laboratory.*

'71

Mary Leeta Borgsmiller has worked for 10 years in MICU-CCU in Red Bluff, California. She is involved with the school board and church.

Susan Blanton Brookhart is on the part-time faculty of Lower Columbia College in Longview, Washington. She is on the board of directors of the Talented and Gifted Program in her home town of St. Helens, Oregon.

Kathryn Alice Cloninger is living in Naples, Italy, where her husband Lee is stationed with the Navy. She works part-time in a newborn nursery and is a Lieutenant Commander in the Navy Reserve Corps.

Iona J. Durnan worked as a school nurse for 18 years and is now taking some time off. She has a 13 year old son and is active in church. She teaches a pre-school MOPS class once a month and volunteers at her son's school and as a camp nurse for a church camp during the summer.

Glenna Mae Horsmann Ehrlich is a school nurse in the Vancouver School District in Vancouver, Washington. She earned her M.S.T. in Health education at Portland State University in 1982. She is listed in the 1990-91 *Who's Who in American Nursing*. She enjoys walking, tennis, swimming and sings alto in *Brobms*, an 80 member singing group.

Suzan Foreman is NAAGDG certified in neonatal nursing, and currently cross training to post partum and labor delivery at Good Samaritan Hospital in Portland, Oregon.

Kay Froemming works in a private

practice group of pediatricians in Springfield, Oregon. She has two daughters and lives in Eugene. She is active in NAPNAP and Oregon PNPA. **Cathryn L. Howard** is presently half-way through the Family Nursing Program at Columbia University in New York City. She earned her M.S. at UCSF in 1981. She is interested in "anything and everything" related to the advanced practice role. She is also interested in federal/state funding issues for the medically under-served, especially maternal childcare.

'77

Catherine E. deCampos is both a clinical psychologist and CFNP at Kaiser Permanente in Salem, Oregon. Her specialties include women's issues, especially women molested as children, eating disorders, dysfunctional families of origin and depression. She does both psychotherapy and medical management of her patients. She and her husband, Mark Stairiker just had their first child, Lindsey Alexis deCampos-Stairiker, on December 14, 1990.

Graduate Students

Rebecca Hunter, graduate student, received the top award for a nurse at the master's level from the Nurses' Educational Fund Inc. for the 1990-1991 school year. Hunter is studying family nursing with a specialty in midwifery. The \$5,000 award presented to Hunter recognizes her excellent academic progress and her potential for leadership in the nursing profession.

Faculty

Linda Felver, Ph.D., associate professor of adult health and illness, was appointed to the United States Pharmacopeial Advisory Panel on nursing practice for the 1991-1995 term. The panel is one of 33 expert advisory panels that contribute to the USP drug information data base. The panel will help determine the content of the data base and provide input relating to the clinical aspects of USP's work in the area of drug standards and information.

In Memoriam

Lynn Feike, '57, is deceased.
Vaunda M. Borum, '58, passed away January 7, 1991.

Progress Notes compiled by Alison Hill, OHSU Alumni Office—Ed.)

Back By Popular Demand!

THE LEGISLATIVE EVENT: *How Nurses Were Effective (or ineffective) in the Oregon Legislature This Session*

Tuesday, September 17, 5 - 9 p.m.
Monarch Hotel (off I-205/Clackamas)
COST: \$20 per person for dinner (\$16 to dues-paid members)
AUDIT: \$5 per person (\$3 to all students)
Call 228-3548 for more information. Program will feature an Oregon political analyst and two panelists discussing legislative changes and their effects on Oregon counties.

In Search Of...

...**Legislative Advocates** for Higher Education. The School of Nursing Alumni Association is looking for alumni interested in following the Oregon legislature and higher education. OSHU is one of the schools within the Oregon State System of Higher Education. Graduates of the Nursing School who can be available to keep their representatives informed about what is going on at the Nursing School are asked to call the Alumni Office at 228-3548 or 1-800-462-6608.

...and **Reunion Coordinators** for the class of 1942, 1947, 1952, 1957, 1962, 1967, 1972, 1977, 1982. Call now - Reunion weekend is June 26, 1992.

Alums Donate Book

Julie McKim, '70, M.N. '80 and Pat Sosnovec, M.N. '82 participated as co-authors for the Instructor's Manual accompanying the Lippincott nursing text: *Psychiatric mental Health Nursing: Application of the Nursing Process*, by McFarland and Thoams. They have donated a copy to the Dept. of Psychiatric Mental Health Nursing at the School. Their thoughtfulness is greatly appreciated by the alumni, students and staff.

**Last Chance for Immortality!
Buy A Brick for Nursing!**

If you have made contributions to the Annual Fund or Building Fund totaling \$100 since July 1, 1989, you may already have a brick! If not, you only have until **August 1st** to pledge. Why wait? Mail your check or call in your Visa/Mastercard number to make sure you're "immortalized" in the new building (small price to pay!)

Name _____

Home address _____

Phone _____

Name as you want it to appear on the brick (please print): _____

Enclosed is my check for \$100 made payable to OHSU Foundation/Brick.

Here is my Visa/Mastercard number: _____

Name on card _____

Expiration date _____

Check my gift history—call me if I have not contributed enough for a brick. I will give you a Visa number over the phone or mail my check the minute you call so I can be immortalized in the new Building!

Send to SoN Alumni, 2121 S.W. Broadway, Suite 306, Portland, OR 97201. Or phone (503)228-3548, or toll-free 1-800-464-6608.

Alumni Scholarships Awarded!

Congrats to the 1991 recipients of \$500 Alumni Association scholarships, based on grades, community activities and goals in nursing: **Becky Ellen Noll, NS3, La Grande;** **Stephanie Nicoletti, NS4, Portland;** **Ching Tzu Yang, M.S. student, Portland (from Taiwan);** **Ken Zimmerman, M.S. student, Eugene.** **Julianna Cartwright, Ph.D. student, Ashland.**

A Message from the Alumni President

Serving you as alumni president these last two years has indeed been a privilege. I have met many of you from around the state, I have worked with a few of you on committees and in the nursing profession. Most of all, I have grown with you as we developed into a vital Alumni Association.



When I joined the Alumni Board more than eight years ago, I was part of an energetic, enthusiastic group of alumni who believed that we who earned our degree on the Hill owed something back to the School and to ourselves. And we believed one of the best ways to combine those goals was through an Alumni Association. Our founders included people like Jean Bates, Michaëlle Ann Robinson, Catherine Knox, Sheryl Boyd and Mae Rawlinson. They truly cared about the School and all alumni.

Some of you will remember the years when we had no Alumni Association. Today ours is a viable organization, with an Alumni Office and professional staff that we share with the other two schools. We see an increase of attendance at Alumni Day each year, as well as at the annual meeting dinner, reunions, the legislative event, and at the annual fund-raising event.

This year's Board has contributed to growth—Barbara Giesy pushed us to establish a new mission statement. Barbara Byrne not only completed a legislative event last fall, but also

generated enthusiasm to start an annual event instead of a biennial event. Christie Couch led the Scholarship Committee to an excellent group of recipients and developed improved guidelines for next year's applicants. Karen Milbank has finally found a way to bridge alumni/student communication.

She continues to find ways alumni can support and encourage students activities to make school experiences and memories more positive and satisfying. We recently welcomed Marie Duncan to fill a board vacancy. Carol Julian, president-elect, has been a great supporter to me and is prepared to handle the transition to the new dues-paying organization that is now upon us.

I'm proud of the work of this year's Board. We've taken some long, hard looks at how our Association can maintain the momentum that was reactivated in 1976. Dues will help us serve you and the School, and you have the Board's commitment that when you make that \$25 payment we will look for and present you with benefits of *value* to those in our profession.

The nominees to the Board for 1991 will help guide our Alumni Association through the '90s and prepare us for the 21st Century Plan to vote at the annual meeting.

I hope you will join us on Friday, June 28. If you haven't been to campus in awhile, you will be

astounded by the ongoing changes. If you can attend the workshops, you will be impressed with the work of the Ethics Center, the Area Health Education Centers, and the Biomedical Information Communication Center. If you can only make the no-host social hour, you will have an opportunity to talk with OHSU's president, Peter Kohler, and the dean of the School of Nursing, Carol Lindeman. The dinner is again being held at the Hilton Hotel, where we look forward to welcoming many of our reunion classes, and announcing the 1991 recipient of the Distinguished Alumni Award. I've enjoyed my two years as president, and eight years on the Board. I encourage those of you looking for a satisfying experience, where you can see and feel progress with each passing month, to consider becoming an active alumni member on committees or perhaps the Board. The Board represents all facets of the nursing profession, which means good discussion and development of solutions to any problem—and creative ideas to make campus experiences memorable and fun.

Thanks to all of you who care about our School and our Alumni Association. It has been my privilege to serve you.

Mary Ann Zimmerman

Mary Ann Thomas Zimmerman, '70

Alumni Day Registration Form

Name _____

Class Year _____

Address _____

Phone _____

Send to SoN Alumni, 2121 S.W. Broadway, Suite 306, Portland, OR 97201. Or phone (503)228-3548, or toll-free 1-800-464-6608.

Alumni Day Schedule! June 28th!

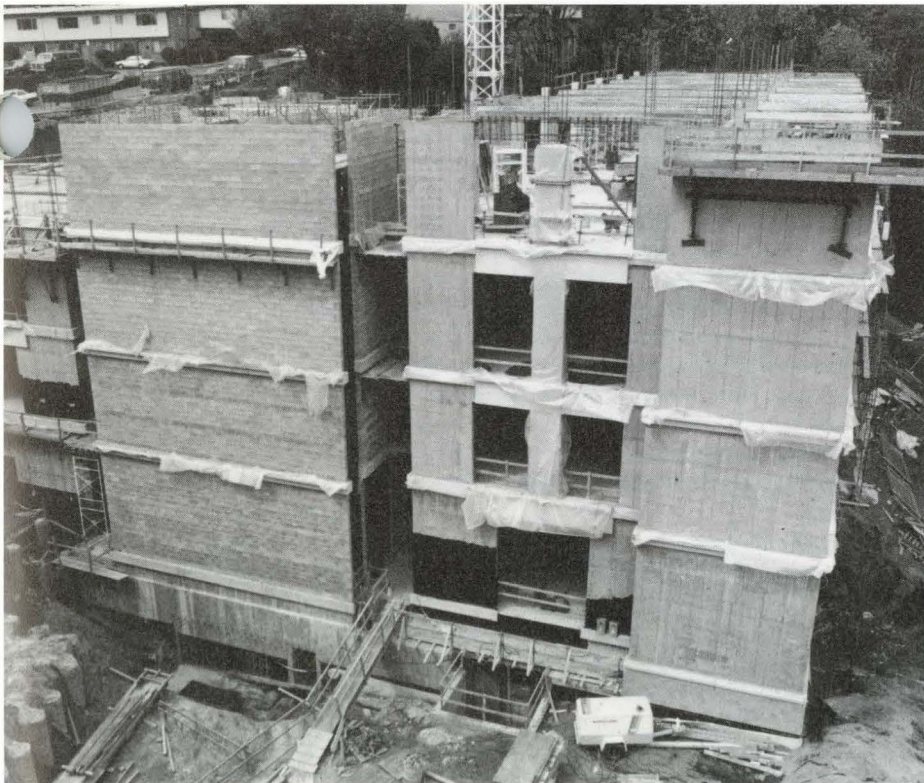
- 10:00 a.m.—Bus tour of the campus—meet in front of CDRC
- 11:00 a.m.—WORKSHOP 1: AHEC (Area Health Education Center) Dick Grant, director
- 11:45 a.m.—Past, Present and Future Alumni Board luncheon—CDRC
- 1:15 p.m.—WORKSHOP 2: Ethics Center
- 2:15 p.m.—WORKSHOP 3: Biomedical Information Communication Center
- 3:15 p.m.—Tour of the campus/new building preview—meet at CDRC
- 6:00 p.m.—No-Host Social Hour—Portland Hilton Hotel
- 7:00 p.m.—Annual Alumni Awards Dinner, featuring reunion classes of 1941, 1946, 1951, 1956, 1961, 1966, 1971, 1976, 1981 (\$25 per person; \$20 to dues-paid Alumni Association members)

The Art and Science of Nursing, cont.

How does the science provided by nursing research become the art of practice? That's one of the questions explored by Professors Jo Anne Horsley, Joyce Crane, Barbara Stewart and other colleagues at the University of Washington and Arizona State University, in a National Center for Nursing Research-funded study of research utilization. Fifteen years of history are encompassed by this project, from the nation's original research utilization studies in the late 1970s (one of which was directed by Horsley) to this unique follow-up evaluation.

Nursing as a profession began to consider the relationship between science and practice at an earlier stage in the development of that science than did other health care disciplines. How to shorten the time from the idea to the clinical application was one of the many focuses of the original studies that formed the basis for Horsley's current project. The nurses involved in the first studies were sought out, a decade later, to see if what they had gained from being participants had stayed with them, and which of the several science-to-practice approaches had been most effective over time. Did they still incorporate changing nursing science into their practices? And did they use the methods of science?

What emerged were two empirically-tested research utilization models. In fact, these "maps" of the course science takes to reach practice may be the first of their kind for the health care disciplines. At a time when the federal government is embarking upon a massive project to develop practice guidelines for all of health care, these models may become an invaluable tool in planning the implementation of those guidelines. ■



Above: the new OHSU School of Nursing Building, May 1991. It's been 11 months since Dean Carol Lindeman put on her cowboy boots and turned over the first shovelful of earth at the site of the School's new home. In that time, 2000 truckloads of earth have gone out, thousands of cubic yards of concrete have come in, and work is going quickly. Completion of the advanced 100,000-square-foot facility is set for November. Outfitting the new building is the goal of "Filling The Need", a \$4.2 million fund raising campaign.



JO ANNE HORSLEY
B.S.N., 1962; M.S., 1968; Ph.D., 1971, University of Michigan. Fellow, Amer. Academy of Nursing, 1983. Horsley has been a psychiatric staff nurse and a clinical specialist in mental health nursing. She came to OHSU in 1981, after teaching at Indiana University and U. of Michigan. She is a noted expert in the field of research utilization.

PROGRESS

NURSING PROGRESS

is a quarterly magazine for alumni, faculty, students and friends of the Oregon Health Sciences University School of Nursing. It is published by the School and the Alumni Association. Inquiries about alumni affairs and activities may be directed to the Alumni Office at the OHSU Foundation, 1121 Southwest Salmon, Portland, Oregon, 97205 (after 7/1/91); (503) 228-3548 or toll-free 1-800-462-6608. Permission to reprint or excerpt material from *Nursing Progress* may be obtained by contacting the Editor at the above address.

Volume 3, Issue 2

Carol Lindeman, R.N., Ph.D., F.A.A.N.
Dean

Mary Ann Thomas Zimmerman, '70
Alumni Association President

Todd Schwartz Dan Carter
Editor, Writer Photographer

Liz Geiger
Alumni Director

(cover photos and some portraits courtesy Larry Lewton and OHSU Communications. Cover design by Charlotte Woodward. Thanks to Camille Ramsey, ORDU, for her help.)

The Work: FUNDED PROJECTS 1988-1991

HIV/AIDS

Crabtree, Katherine

—California Hospital AIDS Prevention Survey (CHAPS), (1987-90), California Department of Health Services and University of California School of Nursing, \$8,500. Other Personnel: Duane DeAmicis, Barbara Burgel, Joanne Saxe.

Berger, Marie

—Responses of Nurse Executives in Oregon to the AIDS Epidemic, (1988-90), Nursing Research Emphasis Grant, \$15,894. Other Personnel: Caroline White, Co-investigator.

Limandri, Barbara

—Uncertainty in the Gay Community Regarding HIV Testing, (1988-90), Nursing Research Emphasis Grant, \$13,645.

Symptom Management

Crabtree, Katherine

—Intervention to Improve Exercise Among Adults with NonInsulin Dependent Diabetes Mellitus, Research, (1989-90), Medical Research Foundation of Oregon, \$15,010.

Erickson, Roberta S.

—Management of Heat Loss in Abdominal Surgery Patients, (1988-89), OHSU Foundation, \$3500; IVAC Corporation, \$500; Intelligent Medical Systems, \$500. Other Personnel: Sue T. Yount, Providence Medical Center, Co-investigator.

—Comparison of Pulmonary Artery Temperature With Tympanic Membrane, Urinary Bladder, and Oral Temperatures in Critically Ill Adults, (1990), IVAC Corporation, \$24,500.

Felver, Linda

—Temporal Patterning of Physiological Variables in Patients in an Intensive Care Unit, (1987-89), Nursing Research Emphasis Grant, \$18,757.

—Temporal Patterning of Plasma Magnesium Concentration in Patients in an Intensive Care Unit, (1988-89), Biomedical Research Support Grant from SoN/OHSU, \$3,000.

—Temporal Patterning of Vital Signs in Male Patients in an Intensive Care Unit, (1988-89), OHSU Foundation, \$3,500.

Harrison-Hohner, Jane

—A Double-Blind Crossover Study To Evaluate The Dose Response of

(cont.)

Beyond The Journal, Beyond The Hill

Each day, tens of thousands of nurses go to work in clinical settings. They're not thinking about statistics or methodology or scholarly publications. They're thinking about the daily challenges posed by their patients and their practices. They don't need to know anything esoteric. They need to know what will work for them.

This is the environment in which nursing research gets its ultimate test. Where the work of nurse researchers—the part of the work that translates to the pragmatic world of the bedside—becomes the tools for better care and better practice.

Arlene Austinson, M.N. '82, is the assistant administrator of patient care services at Portland's Providence Medical Center. That makes her responsible for nursing at the hospital, along with pharmacy, respiratory therapy, kidney dialysis, gerontology programs—she describes herself as “several steps removed from academia!” What is her viewpoint on the value of nursing research?

“Staff nurses have a very pragmatic approach to research,” she says, “What can it do for me?” With practicing nurses it's a matter of helping us decipher what will and what won't work in a clinical way. What helps us get through the myriad tasks and processes that a person comes up against every day. Rarely will staff nurses go to journals or go to the faculty on the Hill for information. The responsibility for getting relevant information to staff usually falls on the shoulders of the nursing research committee. Disseminating information, reviewing internal studies—we try in everything we do to ask: has there been any research in this area? Then's let's use it in a pragmatic way.”

“Research utilization is the key,” says Marie Driever, R.N., Ph.D. Driever is assistant director of the department of nursing at Providence. She's in charge of Quality Assurance and research for nursing at the hospital. “Research done by nursing faculty provides increased understanding of how patients respond and how nurses respond, and of how nurses can continue to grow and develop over their careers. In a clinical setting like ours, we're interested in the kinds of knowledge faculty generate, then we ask how we can make it usable here. We're doing that right now with a project focusing on the redesign of patient care delivery. We're building on research, finding ways it can help us. And finding ways our nurses can be involved in developing new methods to deliver care and measure outcomes.”

“The goals,” says Austinson, “are very bottom line in value analysis, QA, systems and management issues—all over the institution. But we're always bringing in the research component. What's been done before us? Is there a better way?”

Some nursing research may find itself expressed in the hospital very quickly, as in the case of a cost/benefit analysis of a treatment, product or technique. Or it may lie dormant in the journals for years. For research to make clinical waves, it needs a *hook*... “Relevancy is the thing,” Austinson confirms. “Bedside clinicians don't spend a lot of time reading journals. Research needs translation into concrete terms, and the moment needs to be right—then the impact can be great.”

“Research can benefit from more of that kind of ‘culture translation’,” adds Driever. “Most studies deal with just a small piece of a much larger picture. Staff nurses want the whole picture, in definitive terms, so they can assess the relevancy. That's where the translation comes in. Once understood and applied, research can really influence the way we approach QA issues. Joyce Colling's work on urinary incontinence is an example of research that can show us new ways to care for patients while also being directly related to

continued on page 9

Two Of A Kind

The School Holds Two Select National Research Service Awards

Competing with 50 nursing Ph.D. programs across the country, OHSU holds two of the nation's fewer than 20 Institutional National Research Service Awards in Nursing. Funded by the National Center for Nursing Research at the National Institutes of Health, these prestigious five-year awards support pre- and post-doctoral research training programs. One focuses upon nursing and care delivery to families in health, illness and transition, the other centers on nursing care for older persons.

The gerontology program is under the direction of the School's Patricia Archbold, while Virginia Tilden directs the family nursing grant. "Our aim is to increase the number of nurse scientists researching health care delivery to the nation's families and the nation's elderly," says Tilden. "National health priorities, health care cost containment and trends in nursing care are all converging to make these two areas growing focal points for public health interest. The future research of our program fellows will someday greatly impact public policy and lead to improved health."

There are three post-doctoral fellows currently funded under the NRSA programs, and more than ten pre-doctoral students. A fourth post-doctoral fellow is taking part in the program during an academic sabbatical. They are pursuing individually designed two-year research programs. The fellows were selected on the basis of expressed interest in family health or gerontology, as well as exceptionally strong potential as nurse scientists.

"Participants in this program are planning academic careers centered on practiced-based research," says Tilden. "We stress the need for all research to be practice-relevant, and of ultimate benefit to health. Our research fellows are also nurse clinicians, such as pediatric nurse practitioners, prenatal nurses, long-term care nurses, mental health therapists and gerontological care nurses. In the future, the one thing they will all be is valuable nurse scientists."

A new factor in both trainee programs is the strong push throughout the NIH in the areas of scientific integrity and scientific misconduct. The latest requirements direct NRSA holders to develop coursework covering these issues, so Tilden and Archbold are preparing ongoing classes.

These awards point out the strength of the School's national reputation. Both trainee programs are very competitive among candidates, both stress a multidisciplinary approach, and both actively seek trainees representing varied ethnic backgrounds. ■

Beyond the Hill, cont.

various federal initiatives and legislation that may affect reimbursement.

"As the world gets smaller, research helps clinicians see a broader perspective than just their patients and their unit. Horsley and Crane's work on how to think about using research, Archbold and Stewart's gerontology work—we're looking at these studies because research is just going to become more important. How you measure things is going to become more important. Particularly with QA. Policies and legislation will demand it."

"As a practicing nurse," Austinson says, "once you get past your initial learning curve you start looking around at how you can better your practice. You may not go to research journals or consult with the Hill, but very quickly clinicians realize there's more than just the experiential, day-to-day approach to care—as time change and nurses roles change it's more and more intellectually demanding. You need that research base, directly or indirectly. It affects our life whether you know it or not." ■

Meclofenamate Sodium In Comparison with Ibuprofen and Placebo in Relieving Primary Spasmodic Dysmenorrhea, (1990-1991), Warner-Lambert, \$61,755.

Women and Health Issues

Martell, Louise

—Puerperal Change in Contemporary Women: Rubin Reconsidered, (1991). Sigma Theta Tau, Beta Psi Chapter Grant, \$200.

Chronic Illness and Long-Term Care

Colling, Joyce

—Patterned Urge-Response Toileting for Incontinence, (1987-89), National Center for Nursing Research, \$1,507,323. Other Personnel: Margaret McCreedy, Mary Knight, Joyce Lear, Lyla Peterson, Alice Wagner, Tom Owen, Barbara Stewart.

Semradek, Joyce

—A Comparison of Two-Case Mix Classification Systems for Long-Term Care, (1988-89), OHSU Foundation, \$3,500. Other Personnel: Darlene McKenzie, and Mark Hornbrook, Co-investigators.

—A Model to Change Practice in Long-Term Care Facilities, (1991-94), subcontract with Benedictine Institute for Long Term Care, \$194,891. Robert Wood Johnson Foundation Grant, \$400,248. Other Personnel: Joanne Rader, Project Director, and Darlene McKenzie, Co-Investigator.

—Evaluation of Continuing Education for LTC Facilities, (1990-93), subcontract with Benedictine Institute, \$12,080, (Grant from Division of Nursing-PHS). Other Personnel: Martha McMahon, Project Director.

Health Promotion and Illness Prevention

Hornbrook, Mark C.

—Tobacco Reduction in an HMO: A Model for Cancer Control, (1987-91), National Cancer Institute, \$7,500,000. Other Personnel: T. Vogt, M. D., Principal investigator.

Jones, Shelley

—Public Health Conference Support Grant Program, (1990-91), PHS CDC Agency for Toxic Substance and Disease Registry, \$8,284.

White, Caroline

—Comparison of Two Methods to Increase Fiber Intake, (1988-89), ANF, \$2700. Other Personnel: Margie

(cont.)

*"Living the Questions":
A Message
from the
Associate Dean
for Research*

Scholarly creativity means daring to "live the questions" of the art and science of nursing. At the Office of Research Development and Utilization (ORDU), our daily challenge is the promotion and facilitation of clinical scholarship by the faculty, nursing staff and nursing students.

Since the creation of ORDU by Dean Lindeman in 1981, our mission has been to promote the development, conduct and dissemination of practice-relevant research, and to promote the use of research findings in nursing practice and in clinical teaching. Therefore, we take no small pride in the impressive research productivity at this School of Nursing over the past decade—this special issue of *Nursing Progress* reveals only a small part of those ten years of success.

At ORDU we engage with faculty, staff and students in scholarly projects at all stages, from early conceptualization, through implementation, dissemination and utilization of outcomes. Our activities cover the full range of support services, from consultation at the conceptualization stage to hands-on help with data collection, data analysis, preparation of graphics, manuscript review and grant proposal preparation.

We have a special teaching mission at ORDU, one that is focused on acquisition of the skills required for research and other scholarly activities. Our teaching occurs in the form of intensive workshops that provide in-depth training in focused research topics, and in brown bag seminars on topics of current events in scholarship. Our "students" cross all boundaries of inquiring nurses: staff, faculty, undergraduate and graduate students, postdoctoral fellows, visitors...

ORDU celebrates the publication of this special *Nursing Progress* issue, and pays special honor to the nurses whose fine examples of scholarship appear in these pages.



Virginia P. Tilden
Dr. Virginia Tilden



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