



UW-Madison
Institute on Aging



Department of
Veterans Affairs
VA Geriatric Research,
Education and Clinical Center

Aging Notes

Spring 2001

Vol. 12, No. 1

**APRIL 19 & 20, 2001
13TH ANNUAL
COLLOQUIUM ON AGING
"2001...AN AGE ODYSSEY"**

The 13th Annual Colloquium on Aging will be held at the Pyle Center on April 19 and 20, 2001. Colloquium events include a dinner, lecture and award presentations on the 19th and a symposium, poster session and Emeritus luncheon lecture on the 20th.

April 19 Dinner Lecture

Joseph F. Coughlin, Ph.D., Founding Director of the MIT AgeLab, will deliver the April 19 dinner lecture titled **"Beyond Longevity: Technology's Role in the Future of Healthy Aging."** The MIT AgeLab is a partnership between MIT, industry and the aging community to engineer innovative approaches and technologies to improve the quality of life of older adults and those who care for them. AgeLab conducts multidisciplinary work addressing the problems and opportunities of global aging, including housing, transportation, health, communications, leisure and the workplace. The Lab's industry sponsors are from around the world and include information technology and telecommunications firms, pharmaceutical companies, consumer products manufacturers, financial services and the automotive industry. Dr. Coughlin's own research seeks to develop new business models that respond to the demands of today's and tomorrow's older adults by seamlessly integrating technology and consumer services. He is recognized around the world as a leader in the field of aging and technology.

Dr. Coughlin has published in a variety of aging, business and policy research journals. He recently completed a book on the transportation needs of an aging society along with Roger W. Cobb, Brown University, forthcoming from Johns Hopkins University Press in 2001. Dr. Coughlin is currently writing a second book that envisions how business and society will leverage the convergence of technology and graying demographics to reshape how all of us will live, work and play tomorrow.

Dr. Coughlin has served as a keynote speaker at national and international events including the annual meetings of the American Geriatrics Society, AARP Board of Directors, COMDEX, American Senior Housing Association and the White House Conference on Technology and Aging. His research has been featured in *Business Week*, the *Wall Street Journal*, *New York Times*, *Le Monde* and ABC News, CBS Evening News, NBC Nightly News and CNN World.

Preregistration is required for the dinner lecture

Deadline: April 12, 2001

New Investigator Awards to be Presented

The New Investigator Awards recognize outstanding achievement in biomedical and social/behavioral research in aging by new investigators during their student years or periods of advanced training at the UW-Madison campus. The awards will be presented at the IOA Colloquium dinner lecture on April 19.

April 20 Symposium

"Lights, Camera....Swallow! An Inside Look with Current Technology," **JoAnne Robbins**, Ph.D., Associate Professor, Medicine; Interim Associate Director, Institute on Aging, UW-Madison, 9:30 a.m.

"Extending Life by 10 Years: Goal of the White House Forum on Technologies for Successful Aging," **Gregg Vanderheiden**, Ph.D., Professor, Engineering; Director Trace Research & Development Center, UW-Madison, 10:35 a.m.

"Can Using the Internet Really Make you Healthy?" **Patricia Brennan**, R.N., Ph.D., FAAN, FACMI, Professor, Industrial Engineering and Nursing, UW-Madison, 11:15 a.m.

About the Symposium Speakers

JoAnne Robbins is the Interim Associate Director of the Institute on Aging. She is an Associate Professor in the Departments of Medicine (Gastroenterology and Geriatrics) and Surgery and is an Adjunct Associate Professor in the Department of Radiology. Also, Dr. Robbins is the Associate Director for Research at the VA Geriatric Research, Education,

and Clinical Center and Research Director of Swallowing Services at the UW Hospitals and Clinics where she conducts her clinical practice evaluating and treating patients with swallowing disorders. She has served on the Institute on Aging Steering Committee since 1991. Dr. Robbins received her Ph.D. from Northwestern University, M.S. from the UW-Madison, and B.A. from Temple University. She joined UW-Madison in 1984 after completing a postdoctoral fellowship cosponsored by Vanderbilt and Northwestern Universities.

Dr. Robbins' research is in the area of normal swallowing processes, aging effects, and dysphagia diagnosis and management. Her investigations have increased understanding of the effect of age and age-related disease processes on swallowing, the impact of dysphagia on quality of life, and the short and long term effects of clinical interventions used for/by dysphagic patients and health care providers.

Dr. Robbins has published more than 40 papers on swallowing, including several in the Journal of Gerontology and has published invited editorials in such respected journals as the Annals of Neurology. Nonetheless, Dr. Robbins' favorite part of her work in gerontology is eating a meal with an older patient for whom she has provided effective clinical treatment, especially those who were being fed solely through a tube when first referred to her.

Gregg C. Vanderheiden founded and directs the Trace Research & Development Center at the University of Wisconsin-Madison. He is a Professor in the Industrial Engineering Department (Human Factors Program) and Biomedical Engineering Department. Dr. Vanderheiden is the principal investigator of the Rehabilitation Engineering Research Center on Information Technology Access, and a co-principal investigator for the RERC on Telecommunications Access. (Both RERCs are funded by the National Institute on Disability and Rehabilitation Research.) He is also the lead investigator for the National Computational Science Alliance's efforts focused on universal design of computation science and web infrastructure technologies.

Dr. Vanderheiden has been working in the area of access to technology for almost 30 years. He pioneered in the field of augmentative communication and assistive technology. He then worked with the computer industry in getting them to build disability access features directly into their standard products. For example, access features developed by Dr. Vanderheiden and his team have been built into the Macintosh OS since 1987, OS/2 and the UNIX X Window system since 1993, and almost a dozen are built into Windows 95, 98, NT and 2000.

Dr. Vanderheiden holds degrees in electrical engineering and biomedical engineering. He received his Ph.D. in Technology in Communication Rehabilitation and Child Development, an interdisciplinary degree between the departments of Electrical and Computer Engineering, Communicative Disorders, and Educational Psychology, University of Wisconsin - Madison.

Patricia Flatley Brennan, RN, PhD, FAAN, FACMI, is the Lillian L. Moehlman Bascom Professor, School of Nursing and College of Engineering, University of Wisconsin-Madison, Madison, Wisconsin. Dr. Brennan received a Masters of Science in Nursing from the University of Pennsylvania and a PhD in Industrial Engineering from the University of Wisconsin-Madison. Following seven years of clinical practice in critical care nursing and psychiatric nursing, Dr. Brennan has held several academic positions. She developed and directed the ComputerLink, an electronic network designed to reduce isolation and improve self-care among home care patients. Dr. Brennan currently directs the HeartCare initiative, a WWW-based home care support service for patients recovering from cardiac surgery. Dr. Brennan is a Fellow of the American Academy of Nursing and a Fellow of the American College of Medical Informatics. She is president of the American Medical Informatics Association and serves as founding Associate Editor for its prestigious publication, *The Journal of the American Medical Informatics Association*.

Emeritus Luncheon Lecture: "Health Care Systems, Families and Technology"

Eugene Farley, M.D., serves as an emeritus faculty member in the UW-Madison Department of Family Medicine. He chaired the Family Medicine Departments at the University of Colorado and University of Wisconsin.

Dr. Farley received a degree in Zoology and Political Science from Swarthmore College and a Medical Degree at the University of Rochester. He completed his internship at the Philadelphia General Hospital and his residency at the University of Colorado and Denver General Hospitals. He received his Medical Doctorate from Johns Hopkins University and developed and directed the Family Medicine Program at the University of Rochester.

He was the field medical officer in charge at a clinic on the Navajo reservation where he studied TB and was a visiting professor in Social and Preventive Medicine at the University of West Indies.

The April 20 lectures are free and open to the public. However, preregistration is required for the free box luncheon.

April 20 Poster Session

Posters by UW faculty and researchers on a wide variety of aging studies will be presented between 9:00-9:30, 10:10-10:35, and 12:00-12:30 p.m. A detailed list of topics will be posted on the Institute's web site in April: <http://www.ssc.wisc.edu/aging>

Registration Information:

To obtain a registration form for the dinner lecture and emeritus luncheon, please contact the Institute on Aging, 2245 MSC, 1300 University Avenue, Madison, WI 53706-1532, (608)262-1818.

All events will be held at the Pyle Center, 702 Langdon Street, Madison, WI 53706-1532.

This event is sponsored by the Institute on Aging, UW-Madison and Lunar Corporation.

In compliance with the Americans with Disabilities Act, the University of Wisconsin-Madison will make every effort to honor requests for reasonable accommodations made by individuals with disabilities. Requests can be responded to more effectively if received as far in advance of the Colloquium as possible; preferably at least a week. Direct accommodation requests to Marty Quimby, 608-262-1818.

VA GRECC NEWS

AAMC/Hartford Foundation Project

Dr. Steven Barczi is the PI on a grant from the American Association of Medical College and the Hartford Foundation. This project includes a pilot program that will pair first year medical students and independent seniors within the community. The aims of this initiative are to promote early, positive relationships between students and older adults, enhance communication skills, introduce students to health care delivery systems and teach advocacy principles.

Another goal of the project is to better integrate aging and geriatric care principles by refining geriatric and aging lectures in years 2 and 3 of medical student training, through the Patient, Doctor and Society course, the Primary Care Clerkship and the Medicine Clerkship. A further enhancement includes developing a small-group experience in the second year that simulates common visual, hearing and mobility deficits in students to help them empathize with older adults and adjust their communication practices. Preliminary plans exist to create a nursing home orientation manual for students that emphasizes best practice patterns, the role of the physician and others in nursing home care, and introduces standard regulation and financing that pertains to this setting.

This project is administered by the Institute on Aging at the UW Medical School. An open invitation exists for those interested in participating in any of these initiatives. Please contact Dr. Steve Barczi by e-mail at steven.barczi@med.va.gov or by calling 262-8597.

Research at the GRECC

The Madison VA GRECC recently revised its research foci so they are more in line with present resources and investigators. In the basic biomedical sciences, nutrition and oxidative stress in aging remains an area of strong emphasis. For applied clinical research, swallowing diagnosis and management in the elderly persists as a major focus, and osteoporosis and bone metabolism has been added as a new

focus. Within health services research, the impact of dysphagia on quality of life is being studied. Finally the rehabilitation focus has changed from junctures in long term care to one of swallowing rehabilitative innovations.

Marc Drezner, M.D., Professor of Medicine-Endocrinology

Dr. Marc Drezner has joined our team of GRECC Scientists and caregivers. Specializing in endocrine and metabolic disorders, he treats conditions such as, bone and mineral disorders, parathyroid abnormalities, thyroid disease, adrenal disorders and growth and developmental abnormalities. Dr. Drezner earned his medical degree at the University of Pittsburgh, completed his residency at Duke University Medical Center, Durham, NC., followed by a clinical fellowship in endocrinology. He is board certified in internal medicine. Dr. Drezner is an Affiliate and member of the Institute on Aging Steering Committee.

PRIMATE CENTER NEWS

Workshop on Aging

The Wisconsin Regional Primate Research Center and the National Institute on Aging are pleased to announce a workshop entitled "Nonhuman Primate Models of Aging: Evaluating Their Current Status and Future Potential," to be held in conjunction with the 30th Annual Meeting of the American Aging Association at the Monona Terrace Convention Center, Madison, Wisconsin, May 31 - June 1, 2001. The workshop will include a poster session on Friday, June 1 from 6-8 p.m.

The 30th Annual Meeting of the American Aging Association will be held on June 2-4, 2001, also at the Monona Terrace Convention Center. Registration will be on Friday, June 1, 5:00 to 6:00 p.m., and a welcome reception and special poster session on Nonhuman Primate Models of Aging and Caloric Restriction in Nonhuman Primates begins at 6:00 p.m.

A Web site will be established with more detailed information including hotels, speakers, registration information, draft program, etc (see <http://www.primate.wisc.edu/pin/calendar.html>). Please make hotel reservations as soon as possible. For information on both the pre-conference workshop and the 30th Annual meeting of the American Aging Association, please contact: Donna Cini, American Aging Association, The Sally Balin Medical Center, 110 Chesley Drive, Media, PA 19063, Phone: 610-627-2626, Fax: 610-565-9747, Website: <http://www.americanaging.org>. Local contact: Edi Chan, Wisconsin Regional Primate Research Center, 1220 Capitol Court, Madison, WI 53715-1299, Phone: (608) 263-3500, Fax: (608) 263-4031, E-mail: chan@primate.wisc.edu.

**CALL FOR PAPERS
SPECIAL ISSUE OF RESEARCH ON
AGING**

“Community Context and Aging”

Guest Editor: Stephanie Robert, University of Wisconsin-Madison

This special issue will focus broadly on the relationship between community context and aging, and on community context and older adults. We are open to various definitions of community (e.g., neighborhoods, self-defined cultural or religious communities). Examples of **community context** include: community socioeconomic context, racial segregation, community service environment, community social capital, community stability and disorder, degree of residential mobility within the community, residential mobility of the individual, community age structure, and community cultural context.

The central question driving this issue is: How does community context affect health and well being across the life course and/or at older ages?

Other examples of topics include: community action research with older adults, community interventions to improve the health and well being of older adults and reciprocal relationships between community context and older adults—the role of older adults in shaping community context.

Submit papers by July 1, 2001 to: Angela M. O’Rand, Editor, Research on Aging, Department of Sociology, Box 90088, Duke University, Durham, NC 27708.

**BUREAU OF AGING AND LONG TERM
CARE RESOURCES TO CONDUCT
SURVEY**

Every ten years since 1970, the Bureau of Aging and Long Term Care Resources (Wisconsin Department of Health and Family Services) has surveyed Wisconsin’s older residents to learn about their household demographics, activity and mobility limitations, housing arrangements and preferences, public program participation and needs, and employment and economic well-being. In June, 2001 the fourth wave of data will be collected for this ongoing project, a telephone survey of a representative random sample of households (n=2,200) with residents age 60 and over. Data is expected to be available by the end of the year.

This project has enjoyed a productive relationship with the UW Institute on Aging in the past, and Institute Affiliates and their students have used the sampling frame and survey data for their research. This year, Institute Director **Carol Ryff** (Professor of Psychology) and Steering Committee member **Marsha Seltzer** (Professor of Social Work and

Acting Director of the Waisman Center) are serving on the project’s committee. Communication with others who are interested in the project is welcome, especially those who want to consider analyzing the survey data. The Bureau is eager to hear of any similar survey activity to avoid inadvertent duplication. Please contact Cindy Ofstead, Health Policy Analyst, at 276-3202, or email ofstecm@dhfs.state.wi.us with your questions and thoughts.

**POTENTIAL THERAPEUTIC USES OF A
NOVEL STEROID HORMONE**

Henry Lardy, Emeritus Professor, Biochemistry

The steroid abbreviated DHEA is known to be produced in relatively large amounts in humans beginning at about 6 to 8 years of age. It is one step in the biological conversion of cholesterol to the sex hormones testosterone and estrogens. It also has several desirable effects in animals independent of its effect on sex hormone production. DHEA enhances the activity of the immune system, causes weight loss in obese animals, decreases the elevated blood sugar in diabetic animals, improves memory in old mice, suppresses the growth of some types of tumors, and improves the outlook of depressed patients.

These effects are manifested only when relatively large doses of DHEA are administered to animals. This prompted us to believe that DHEA was converted to other steroid hormones which were responsible for these beneficial effects. We therefore studied the conversion of DHEA to other structures and have characterized 19 steroid compounds that are produced from the parent molecule. Some of these compounds are much more active than the parent DHEA and, from the clinical point of view, have the advantage that they are not converted to sex hormones.

One of these compounds, abbreviated “7-Keto”, has no adverse effects in animals even in massive doses. It has been well tolerated by both men and women in three different Phase I clinical trials. 7-Keto has no effect on body weight in lean subjects but causes weight and fat loss in obese subjects. It improves memory in old mice more effectively than does DHEA and it increases both cellular immunity and the formation of antibodies.

7-Keto also opposes the effects of the deleterious stress hormones produced by the adrenal glands. It is known that administration of large doses of cortisol to pregnant women can hamper development of the newborn child. This effect is easily demonstrated in experimental animals. Giving the stress hormone corticosterone to pregnant rats leads to the young developing fewer neurons (Nerve Cells) in the dentate gyrus region of the brain. When 7-Keto is administered to the mother rat along with corticosterone, normal numbers of neurons develop in the young.

We hope that clinicians will want to test these new compound for their effectiveness in therapy.

NEWS ON IOA ADMINISTERED GRANTS

PENDING PROPOSALS

UW-Madison

Carol Ryff, Cluster Proposal, "Challenges of Aging: Risk, Repair and Resilience."

Graduate School

Carol Ryff, "Integrative Pathways to Health and Illness," National Institute on Aging.

Kelli Koltyn, "Efficacy of Strength Training in the Management of Pain," National Institute on Aging.

Medical School

JoAnne Robbins, "Effects of Age and Age-Related Disease on Swallowing," NIH.

NEWS ON AFFILIATE GRANTS

Ted Goodfriend, Pharmacology and Medicine, was awarded a three-year grant by the American Heart Association to study fatty acid metabolites that may contribute to the hypertension accompanying obesity in rhesus monkeys.

Betty J. Kramer, Social Work, has been chosen as one of seven academics and clinicians across the country to participate in the Project on Death in America Social Work Leadership Development Program, sponsored by the Open Society Institute.

Jane Mahoney, Medicine, received a grant from the University of Wisconsin Graduate School in September, 2000, to evaluate feasibility of an in-hospital mobility intervention for older adults. Currently, older adults who are hospitalized spend most of their time in bed. Unnecessary bedrest may contribute to loss of muscle strength and mass and other adverse outcomes, including falls and loss of independence after hospitalization. Dr. Mahoney is working with the Geriatric Unit of the University of Wisconsin Hospital to pilot a unique in-hospital mobility program. Aides will be hired to assist patients with ambulation and an exercise regimen. Daily interdisciplinary "mobility" rounds will be a cornerstone of the multifactorial program.

Jon Ramsey, Primate Center, received a one-year grant from Pfizer Inc., entitled, "Regulation of Food Intake in Rhesus Monkeys." To investigate the neuroendocrine regulation of food intake in rhesus monkeys. He plans to test the effects of several newly discovered neuropeptides on food intake, energy expenditure and body composition.

JoAnne Robbins, Medicine, has received a grant from the UW Graduate School Research Committee beginning March 1, 2001 - June 30, 2002. The grant is entitled "The Effects of Lingual Exercise on Swallowing By Old Adults" and is in the

amount of \$18,225.00. The study focuses on swallowing because dysphagia, which can occur at any age, is most prevalent in elderly individuals and is a growing health care concern as the geriatric population expands. Without effective treatment, dysphagia can lead to dehydration, malnutrition, pulmonary complications, particularly pneumonia related to chronic aspiration and associated reductions in quality of life.

David Watkins, Primate Center, has two new NIH grants administered through the Pathology Unit of the Primate Center. A three-year grant is entitled "MHC Typing of Macaques used in AIDS research." A four-year grant is entitled "A Novel, Logical Approach to HIV Vaccine Development."

Richard Weindruch, Medicine, has been awarded a grant from NIA titled, "Gene Expression Profiling, Oxidative Stress and Aging," submitted with **Tomas Prolla**, Genetics, for the period 3/1/01 - 2/28/06.

Richard Weindruch, Medicine, will submit a competitive renewal of the, "Biology of Aging and Age-Related Diseases," training grant in May. The grant is administered through the Institute on Aging.

IOA AFFILIATE PUBLICATIONS

Zabka, A.G., **Behan, M.** and G.S. Mitchell. (2001). "Long term facilitation (LTF) of phrenic and hypoglossal motor output decreases with age in male rats". J. Physiol. 531:509-514.

Zabka, A.G., **Behan, M.** and G.S. Mitchell. "Long term facilitation(LTF) of phrenic and hypoglossal motor output increases with age in female rats and is estrus-dependent" (in preparation).

Kemnitz, J.W., Roecker, E.B., Haffa, A.L., Pinheiro, J., Kurzman, I., Ramsey, J.J., **MacEwen, E.G.** (2000). "Serum dehydroepiandrosterone sulfate concentrations across the life span of laboratory-housed rhesus monkeys." J Med Primatol, Oct:29(5):330-337.

Kramer, B.J. (2000). "Husbands caring for wives with dementia: A longitudinal study of continuity and change." Health and Social Work, 25(2), 97-107.

Kramer, B.J. (2001). "Caregiving benefits: Family based caregiving." Encyclopedia of Elder Care, 116-118.

Kramer, B.J. (2000). "Grief and bereavement in older men." Geriatric Care Management Journal, 10, 17-23.

Mahoney, J. (September 2000). "Problems of Older Adults Living Alone after Hospitalization," Journal of General Internal Medicine, and featured on the Medscape and CBS Healthwatch websites.

Mahoney, J. (October 2000). "Temporal Association between Hospitalization and Rate of Falls after Discharge," Archives of Internal Medicine.

Meyer, K.C. (1998). "Neutrophils and low-grade inflammation in the seemingly normal aging human lung." *Mech Aging Develop*, 104: 169-81.

Meyer, K.C., Soergel, P. (1999). "Bronchoalveolar lymphocyte phenotypes change in the normal aging human lung." *Thorax*, 54: 697-700.

Meyer, K.C., Cardoni, A., Xiang, Z. (2000). "Vascular endothelial growth factor in bronchoalveolar lavage from normal subjects and patients with diffuse parenchymal lung disease." *J Lab Clin Med*, 135: 332-8.

Meyer, K. "The role of immunity in susceptibility to respiratory infection in the aging lung," *Respir Physiol*; invited review, (in press).

Robert, S.A., Li, L. "Age variation in the relationship between neighborhood socioeconomic context and adult health," *Research on Aging*, 23(2), 234-258 (forthcoming 2001).

Cefalu, W.T., Terry, J.G., Thomas, M.J., Morgan, T.M., Edwards, I.J., Rudel, L.L., **Kemnitz, J.W., Weindruch, R.** (2000). "In vitro oxidation of low density lipoprotein in two species of nonhuman primates subjected to caloric restriction." *J. Gerontol. Biol. Sci.* 55A:B355-B361.

Lopez, M., Van Zeeland, N.L., Dahl, D.B., **Weindruch, R., Aiken, J.M.** (2000). "Cellular phenotypes of age-associated skeletal muscle mitochondrial abnormalities in rhesus monkeys." *Mutation Res.* 452:123-138.

Zainal, T.A., **Oberley, T.D., Allison, D.B., Szweda, L.I., Weindruch, R.** (2000). "Caloric restriction of rhesus monkeys lowers oxidative damage in skeletal muscle." *FASEB J.* 14:1825-1836.

Weindruch, R., Kayo, T., Lee, C-K., Prolla, T.A. "Gene expression profiling of aging using DNA microarrays." *Proc. Natl. Acad. Sci. U.S.A.* (in press).

2001 CONFERENCE ON ELDERLY NUTRITION

Current Issues in Elderly Nutrition, a conference for dietitians, nutrition program coordinators and other professionals concerned about the nutritional health of older adults, will be held **September 13, 2001** at the Pyle Center on the University of Wisconsin—Madison campus.

Two keynote speakers will be featured at the conference. **Dr. Carol Ryff** will talk about links between nutrition, an important aspect of health behavior, and the psychological and social factors in people's lives. Dr. Ryff will respond to questions such as: Why do some people pay close attention to their nutritional health and others do not? How are the people in our lives important influences on what we eat? How does mental health influence eating behaviors? Dr. Ryff is Professor of Psychology at the University of Wisconsin-Madison and Director of the Institute on Aging at the University of Wisconsin-Madison.

Dr. Mary Ann Johnson will share her findings about how nutrition, health, and lifestyle contribute to the exceptional longevity of centenarians. Dr. Johnson is a Professor of Foods and Nutrition and on the faculty of the Gerontology Center at the University of Georgia. Her research interests include nutrition and longevity in centenarians, the role of micronutrients in preventing age-related disorders such as osteoporosis and hearing loss, and interventions to improve the nutritional status of the elderly.

Experts from the UW and the Madison area will offer informal workshops on a variety of elderly nutrition-related topics.

This conference is sponsored by the Cooperative Extension, UW-Extension Family Living Programs, UW-Madison Institute on Aging and Department of Nutritional Sciences, and the Department of Health and Family Services, Bureau of Aging and Long Term Care Resources.

For further information about the conference, call toll free 1-888-391-4255 or 1-608-262-1411.

WISCONSIN SYMPOSIUM ON EMOTION

The 2001 7th Annual Wisconsin Symposium on Emotion which was initiated in 1995 at the University of Wisconsin-Madison to foster cross-disciplinary discussion of cutting edge research on emotion will be held on Thursday, April 26 and Friday, April 27, at the Monona Terrace Convention Center. The topic for this year's two-day symposium is titled "The Developmental Neurobiology of Emotion and Emotional Disorders." The symposium format and program schedule is as follows:

"Searching for the Biological Basis of Individual Differences in Emotional Reactivity," Huda Akil, Ph.D., Gardner Quarten Distinguished Professor of Neurosciences in Psychiatry; Co-Director and Senior Research Scientist, Mental Health Research Institute, University of Michigan, Ann Arbor, MI.

"The Effects of Stress on Hippocampal Development and Plasticity," Elizabeth Gould, Ph.D., Professor, Department of Psychology, Center for the Study of Brain, Mind and Behavior, Princeton University, Princeton, NJ.

"The Amygdala, Social Behavioral and Autism," David G. Amaral, Ph.D., Professor, Department of Psychiatry and Center for Neuroscience; Chair, Doctoral Program in Neuroscience; Core Investigator, California Regional Primate Research Center; Beneto Foundation Chair; and Research Director, M.I.N.D. Institute, University of California-Davis, Davis, CA.

"The Neurobiology of Fear and the Anxious Endophenotype," Ned H. Kalin, M.D., Hedberg Professor of Psychiatry and Psychology; Chair, Department of Psychiatry; and Director, HealthEmotions Research Institute, University of Wisconsin, Madison, WI.

“Temperamental Contributions to the Variation in the Emotion of Uncertainty to Unfamiliar Events,” Jerome Kagan, Ph.D., Research Professor, Department of Psychology, Harvard University, Cambridge, MA.

“Brain Development in Healthy Hyperactive and Schizophrenic Children and Adolescents,” Judith L. Rapoport, M.D., Chief, Child Psychiatry Branch, National Institute of Mental Health, Bethesda, MD.

“Developmental Neuroimaging Studies of Emotional and Self-Regulatory Disorders,” Bradley S. Peterson, M.D., House Jameson Associate Professor in Child Psychiatry and Diagnostic Radiology, Yale University, School of Medicine, New Haven, CT.

For additional information contact: HealthEmotions Research Institute, (608) 263-6161, e-mail shattuck@facstaff.wisc.edu, or visit the web site at www.healthemotions.org

PALLIATIVE CARE CONFERENCE TO BE HELD IN MADISON

An international and multidisciplinary conference titled **“The Challenges of Palliative Care: Current Progress and Future Initiatives,”** will be held **Sunday, April 22-Tuesday, April 24, 2001** at the Monona Terrace Community and Convention Center, One John Nolen Drive, Madison, Wisconsin.

This conference will provide state of the art information on palliative care. Its focus will be multidisciplinary management based on recent advancements and current concepts of care.

The keynote speaker will be Kathleen Foley, MD, Director, Project on Death in America Memorial Sloan-Kettering Cancer Center, New York, NY. Guest faculty are Grace H. Christ, DSW, Columbia University, Michael Claessens, MD, St. Joseph’s Hospital and Marshfield Clinic, Betty Ferrell, RN, PhD, FAAN, City of Hope Medical Center, Julie Griffie, RN, MSN, CS, AOCN, Medical College of Wisconsin, Jane Ingham, MD, FACHPM, Georgetown University, Cameron Muir, MD, Northwestern University, Deborah Salmon, Royal Victoria Hospital, Myles N. Sheehan, SJ, MD, Loyola University Medical Center, James Tulsky, MD, Duke University, and Steven Weisman, Children’s Hospital of Wisconsin.

This conference is designed for physicians, nurses, pharmacists, social workers, chaplains, pastoral caregivers, psychologists, and counselors in all types of settings: hospitals, hospices, home health agencies, long-term care facilities, etc.

This event is a collaborative effort with University of Wisconsin-Madison Schools of Nursing, Medicine, Pharmacy, and Social Work; University of Wisconsin Comprehensive Cancer Center; UW Hospital and Clinics and Wisconsin Coalition to Improve Palliative Care.

Dinner Program and entire conference cost: \$330--health care professionals; \$165--student/resident

Dinner Program Sun. eve, April 22: \$50--health care professionals; \$35--student /resident

Conference cost each day (April 23 & 24): \$150--health care professionals; \$75--student/resident

For additional information call 608-262-1179.

SUPPORTING THE UNIVERSITY OF WISCONSIN INSTITUTE ON AGING

Groundbreaking psychosocial and medical research by University of Wisconsin scientists and physicians have made tremendous gains in the promotion of the health and well being of the rapidly expanding aging population in the local community, the state of Wisconsin and society at large. The Institute’s innovative programs are truly visionary and immensely promising as our nation prepares for a demographic and societal transformation...where one in every five persons will be over the age of 65.

As we face the future, our challenge is to build support for the Institute’s endowment, encourage funding for chairs and professorships, enhance basic research programs needed to advance knowledge of factors that influence biological, psychological and social aging processes, fund fellowships for student training to meet the requirements of a large aging population, and provide care and treatment to the elderly. We also need to expand efforts to provide information about research projects and results to the older population, their caregivers, service providers, and families. We are, indeed, deeply aware of the need to expand our work, to enlist more citizens in our mission, and to invest our resources where they can bring the highest and most enduring returns for future generations.

Over the years, the generosity of Wisconsin alumni and friends has contributed significantly to the University’s progress. These gifts provide the extra support needed to launch a new program or to enhance and strengthen an established area of study. Making a gift is always a matter of personal preference and situation, and there are many ways you can get involved. Outright cash gifts or multi-year pledges are a common way for some, while others may choose to give gifts of securities. Yet, others may prefer a deferred gift and name the Institute on Aging as a bequest in their will. The University of Wisconsin Foundation’s mission is to work closely with the Institute on Aging to determine its priorities for fund raising. This enables the Foundation to match donor interests to academic needs. In turn, each special gift is distributed as designated by the donor. We are truly grateful for every gift.

For more information about supporting advances in aging research and opportunities for giving, please contact: University of Wisconsin Foundation, 1848 University Avenue, Madison, WI 53705, (608) 265-2215.

CALENDAR

13th Annual Colloquium on Aging

April 19 & 20, 2001
Pyle Center
608-262-1818

14th Annual Colloquium on Aging

April 25 & 26, 2002
Pyle Center
608-262-1818

7th Annual Wisconsin Symposium on Emotion

“The Developmental Neurobiology of Emotion and
Emotional Disorders”
April 26 & 27, 2001
Monona Terrace Convention Center
(608) 263-6161

Current Issues Elderly Nutrition

September 13, 2001
Pyle Center
1-888-391-4255 or 1-608-262-1411

Institute on Aging

University of Wisconsin - Madison
Room 2245, 1300 University Avenue
Madison, Wisconsin 53706-1532

INSTITUTE ON AGING DIRECTORS

Director: Carol Ryff, Ph.D., Department of Psychology

Interim Associate Director: JoAnne Robbins, Ph.D.,
Department of Medicine

VA GRECC DIRECTORS

Acting GRECC Director; Acting Associate Director for
Clinical Programs; Fellowship Director: Steven Barczi,
M.D., Department of Medicine

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Articles for Newsletter

*If you wish to submit an article or other information for this
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4005 or via e-mail: sagemail@ssc.wisc.edu. **Fall deadline-
October 10; spring deadline-February 25.***