

National Institute on Aging: Geriatrics Program

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Evan Hadley, M.D., Associate Director (Geriatrics)

Sections, Selected Research Emphases, Staff Contacts*

Cardiovascular/Pulmonary/Renal (endothelial function, heart failure, vascular stiffening, atrial fibrillation)

TBA

Infectious Diseases (urinary tract infections, pneumonia, vaccines)

TBA

Geriatric Research and Training (Pepper Centers, geriatric research career development)

Winifred Rossi, M.A.
rossiw@exmur.nia.nih.gov

Genetic Epidemiology/Translational Research
(genetic epidemiology, bioengineering)

TBA

Clinical Trials (Phase II and III trials of prevention and treatment interventions)

**Examples only; each section supports research on a wide variety of topics.*

National Institute on Aging: Geriatrics Program (2)

Branches/Sections; Selected Research Emphases*

Cancer Section (prevention, breast cancer, prostate cancer, multiple tumors, comorbidity)

Rosemary Yancik, Ph.D.
yancikr@exmur.nia.nih.gov

Musculoskeletal Section (physical frailty, sarcopenia, osteoarthritis, exercise physiology, biomechanics, muscle blood flow)

Chhanda Dutta, Ph.D.
duttac@exmur.nia.nih.gov

Nutrition/Metabolism/Gastroenterology Section
(failure-to thrive, malnutrition, diabetes, clinical implications of caloric restriction research)

Chhanda Dutta, Ph.D.

Endocrine/Osteoporosis Group (Sheryl Sherman, Chief)

Endocrinology Section (menopause, trophic factors, DHEA, selective estrogen/androgen receptor modulators)

Sheryl Sherman, Ph.D.
shermans@exmur.nia.nih.gov

Osteoporosis Section (bone quality, role of growth factors/cytokines, models of human bone loss)

Sheryl Sherman, Ph.D.

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NIA Geriatrics Program: Interdisciplinary Research Emphases

- < Physical frailty
- < Effects of comorbidity on outcomes and responses to treatment
- < Geriatric syndromes (urinary incontinence, falls, “failure-to-thrive,” et al.)

- < “New” diseases of old age (e.g. vascular stiffening, sarcopenia)
- < Hormone replacement therapy (estrogen, testosterone, et al.)
- < Menopause
- < Genetic factors affecting human longevity, “health span,” and rates of physiologic age-related changes
- < Human implications of caloric restriction’s effects on aging in laboratory animals
- < Exceptional longevity and exceptionally healthy aging

NIA Geriatrics Program

Website: <http://www.nia.nih.gov/research/extramural/geriatrics/>

Recent Sponsored PAs and Notices: (Available at the GP website under “Funding Opportunities”)

Applicants should be aware of NIA’s policy regarding the implementation of policies for human intervention studies at <http://www.nia.nih.gov/funding/policy/humint.htm>

Support for Research Planning:

- Support of Scientific Meetings (R13/U13); <http://grants.nih.gov/grants/guide/notice-files/not98-151.html>

- National Institute on Aging Support of Scientific Meetings as Cooperative Agreements (U13), August 2000; <http://grants.nih.gov/grants/guide/pa-files/PA-00-128.html>
- Planning Grants for Biomedical Epidemiologic and Intervention Studies, August 1999; <http://grants.nih.gov/grants/guide/pa-files/PA-99-145.html>

Continuum of NIA Support for Research Training and Career Development:

<http://www.nia.nih.gov/funding/training/rcd.htm>

- **Pre- and Post-Doctoral Fellowships (Individual And Institutional)**

- **Career Development (5 Years):**

Mentored Research Scientist Development Award. M.D. Ph.D., or other doctoral degree required.

Mentored Clinical Scientist Development Award. Clinical degree and initiation of postgraduate clinical training required. Available as institutional and individual award.

Mentored Patient-Oriented Research Career Development Award. For junior clinicians with little-to-moderate research training who wish to become independent scientists trained in patient-oriented research.

Midcareer Investigator Award In Patient-Oriented Research. For mid-career clinician-scientists to devote more time to patient-oriented research and mentor junior clinicians in patient-oriented research.

Independent Scientist Award. An early-to-mid-career award for individuals with prior grant funding who seek to become leaders in their research fields.

- **Program Development:**

Academic Leadership Award. For curriculum and infrastructure development.

Proceedings/Articles Relating to NIA Geriatrics Program Initiatives:

Thorner M., Buchner D, Clemmons D, Ausiello D, Barrett-Connor E, Bremner W, Guess H, Raskind M, Slater S, Hadley E.

Report of National Institute on Aging Advisory Panel on Testosterone Replacement in Men. *J Clin Endocrinol Metab* 2001; 86(10): 4611-4614.

Report of the NIA Advisory Panel on Exceptional Longevity, June 2001.

<http://www.nia.nih.gov/research/meetings/apelreport.pdf>

Yancik R, Wesley MN, Ries LAG, Havlik RJ, Edwards BK, and Yates JW. Effect of age and comorbidity on treatment and early mortality in postmenopausal breast cancer patients aged 55 years and older. *JAMA* 2001 285(7) :885-92.

Edward J. Masoro, Editor. Caloric Restriction's Effects on Aging: Opportunities for Research on Human Implications. *Journals of Gerontology*, Volume 56A (Special Issue I) March 2001.

NIA Aging and Genetic Epidemiology Working Group. Genetic epidemiologic studies on age-specified traits. *Am J Epidemiol* 2000; 152 (11): 1003-8. The full report of this working group is available at

<http://www.nia.nih.gov/research/meetings/age-wg.htm>

Yancik R, Ganz PA, Varricchio CG, and Conley B. Perspectives on comorbidity and cancer in older patients: approaches to expand the knowledge base. *J Clin Oncol* 2001 Feb 15;19(4):1147-51.

Yancik R and Ries L. Aging and Cancer in America: Demographic and Epidemiologic Perspectives.

Hematology/Oncology Clinics of North America, Balducci L and Extermann M, Editors, Volume 14, Number 1, pp 17-23, February, 2000.

Sowers MF, Crawford S, Sternfeld B, Morganstein D, Gold E, Greendale GA, Evans D, Neer R, Matthews K, Sherman S, Lo A, Weiss G, Kelsey J. SWAN: A Multi-Center, Multi-Ethnic, Community-Based Cohort Study of Women and the Menopausal Transition. In: *Menopause*. Eds, Lobo R, Marcus R, Kelsey J. New York: Academic Press 2000.

Dutta, C. Commentary on "Effects of Strength Training and Detraining on Muscle Quality: Age and Gender Comparisons". *Journal of Gerontology: Biological Sciences* 2000, Vol. 55A, No.3, B158-159.

Yancik R, Yates JW, Cumberlin R. Research recommendations for radiation therapy in older cancer patients. Report from the National Institute on Aging, National Cancer Institute, and American College of Radiology Workshop: radiation therapy and cancer in older persons. *Int J Radiat Oncol Biol Phys* 43(1): 3-5. January 1999.

Yancik, R. Integration of Aging and Cancer Research in Geriatric Medicine. *Journals of Gerontology, Medical Sciences*.

52A, #6 (November, 1997).