Utah P30 Claude D. Pepper Older American Independence Centers

Pilot and Exploratory Studies Core

November 30, 2011

Agenda Outline

1. Center on Aging and P30 overview
2. Utah OAIC conceptual theme
3. Proposed core structure
4. Pilot and Exploratory Studies Core

Why Utah?

CENTER ON AGING
THE UNIVERSITY OF UTAH

Support the Center

www.aging.utah.edu

Center on Aging Mission

- Unite aging-related research, education, and clinical programs at the University of Utah.
- Synergize the growth and progress of interdisciplinary research and support the development of clinical and training programs.

P30 Claude D. Pepper Older American Independence Centers (OAIC) program

- Establish center of excellence in research and training that will increase scientific knowledge leading to better ways to maintain or restore independence in older persons.
- Strengthen key area in aging research.
- opportunities for training and career development in aging research.

Reference: RFA AG-11-002

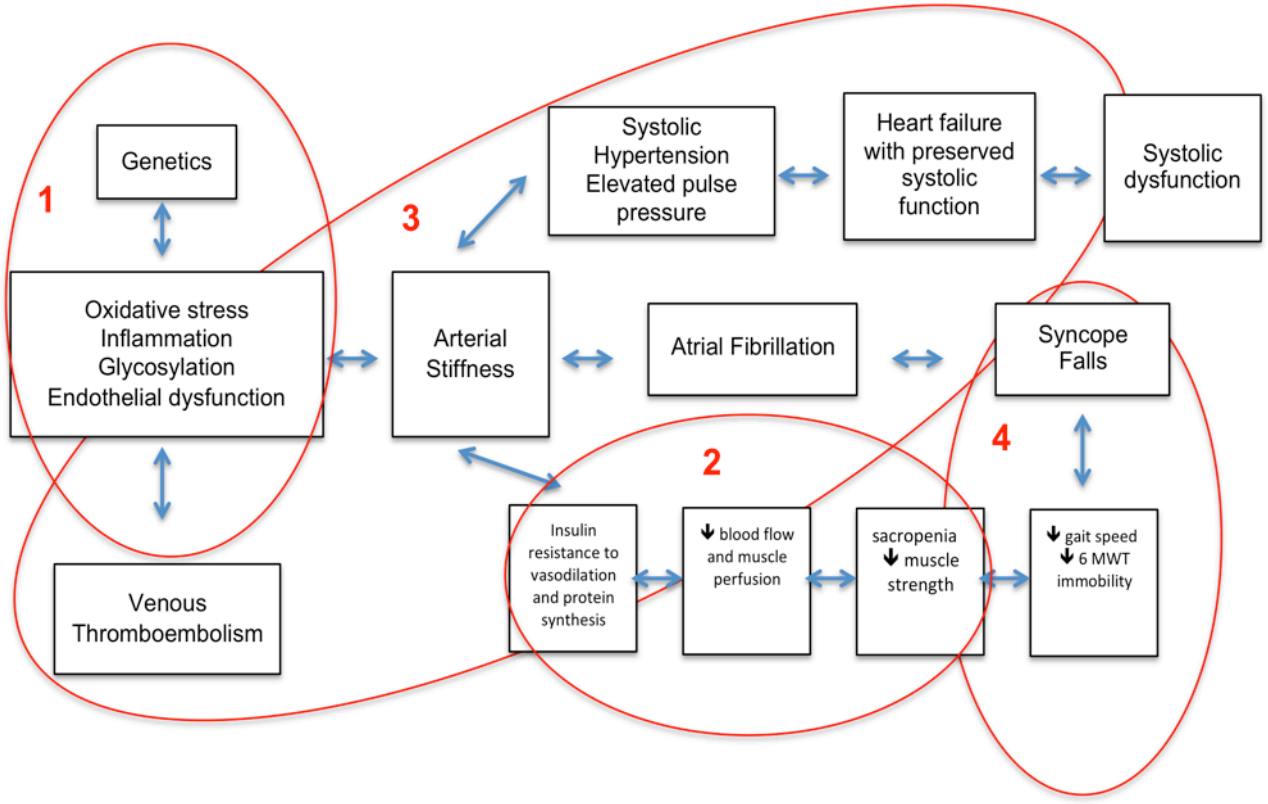
an OAIC, in a given area of focus, will:

- Provide intellectual leadership and innovation;
- Stimulate translation between basic and clinical research;
- Facilitate and develop novel multidisciplinary and interdisciplinary research strategies;
- Stimulate incorporation of emerging technologies, methods and scientific advances into research designs as appropriate;
- Serve as a source of advice and collaboration to other institutions regarding technology, methodology, analysis, or other expertise; and
- Provide career development for future research leaders.

Existing Pepper Centers

- Boston University
- Duke University
- Mount Sinai
- University of Arkansas
- Johns Hopkins University
- University of California Los Angeles
- University of Florida
- University of Maryland, Baltimore
- University of Michigan
- University of Pittsburgh
- University of Texas Medical Branch
- Wake Forest University
- Yale University

Vascular Aging and Mobility Conceptual Overview



1. Genetic and basic mechanisms
2. Vascular blood flow
3. Clinical manifestations
4. Immobility and falls

Pepper Structure

- three required cores:
  - Leadership and Administration
  - Research Career Development
  - one or more Resource cores
- optional cores focused on pilot/exploratory studies and information dissemination

Resource Cores

- Genetics and Population
  - Research Participant Registry and Utah Population Data Base (Ken Smith)
- Mobility and Vascular Assessment:
  - Utah Vascular Research Lab (Russ Richardson)
  - Skeletal Muscle and Exercise Research Facility (Paul LaStayo)
  - Cardiac/Autonomic (Mohamed Hamdan)
- Biostatistics (Tom Greene)

CoA Pilot Grant Program

- The CoA's pilot grant program has received 71 applications (representing 61 unique investigators due to resubmissions)
- 22 have been funded – a 30% funding success rate
- $570K has been invested in this program
- Four pilot grants have resulted in new externally funded grants totaling $874,500 annual direct costs in 2010.

PES/C Objective

- to “acquire information needed to select or design future crucial studies in the OAIC area of focus.”
- P/ES must address how it pertains to the Utah OAIC theme and utilize one or more of the OAIC’s proposed resource cores.

Funding

- two levels of pilot projects:
  - standard ($25 K to $50K per year direct cost for up to 3 years)
  - small (up to $10K per year direct cost for up to 3 years) studies.
- Faculty salary, major equipment (greater than $5,000) and travel not covered

Review Criteria

- Aging significance and relationship to OAIC theme (including resource core involvement).
- Scientific merit and innovative nature of the research.
- Likelihood the proposed study will lead to peer-reviewed extramural funding

Timeline

- January 17 – submission deadline
- Review / triage proposals
- March 21 – external review to select finalists
- May ?? – OAIC submission deadline
- mid-May 2012 – CoA Pilot Grant RFP released
- mid-July 2012 – CoA Pilot deadline
- September 2012 – CoA pilot funding begins
- March 2013 – OAIC funding begins

Questions...

About our logo...

The bristlecone pine tree (Pinus longaeva) - the earth's oldest inhabitant with a life span of 4,000 years - is found only in Utah and five other western states. Its extraordinary longevity and ability to adapt and survive in extremely harsh environmental conditions above 10,000 feet embodies the investigative spirit and mission of the Utah Center on Aging.