



Progress Report – Year 1 – 5  
December 2009

This progress report summarizes the Center on Aging’s (CoA) accomplishments from December 1, 2005 when it began operating as an independent, free-standing center to the present. The progress related to the CoA’s primary objective – to enhance the visibility and support for aging-related research at the University of Utah – will be summarized with respect to three specific aims that were subsequently formulated for the K07 Geriatric Academic Leadership Award – an NIA infrastructure grant funded in 2007 (Mark Supiano, PI) to support the CoA’s strategic goals.

Specific Aim 1. Expand the number of investigators with aging-related research interests.

There has been substantial growth within the Utah Center on Aging (CoA) program in the following metrics: its faculty membership (inclusive of new faculty recruitment) and aging-related grant funding – both in number of funded investigators and direct cost funding levels.

- Members:

There are now approximately 100 University of Utah CoA faculty members – there were five in October 2005. These faculty represent ten schools and colleges from across the entire University campus – about two-thirds are from Health Sciences and one-third from main campus colleges.

- Faculty recruitment and development:

Represented in the growth in CoA membership are 25 new faculty members – both external recruitments as well as internal growth resulting from faculty development.

University of Utah CoA Faculty Members Recruited Since 2005

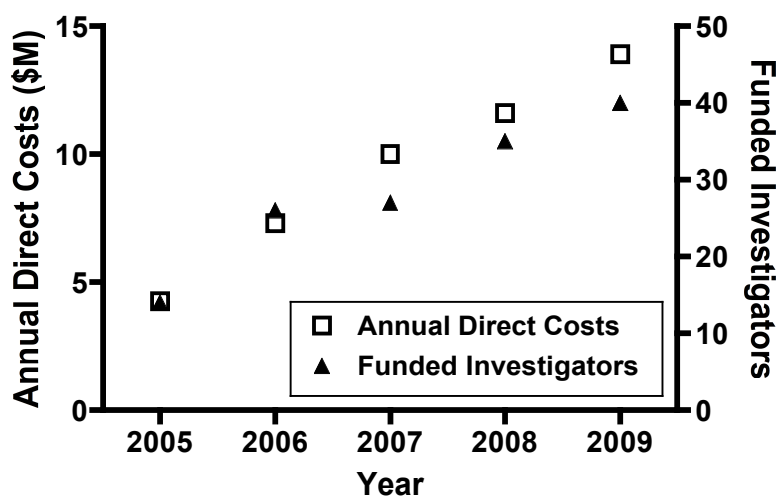
Last	First	School or College	Department
Andersen	Troy	SOM	Neurology
*Baraldi	Carole	SOM	Geriatrics
*Boudina	Sihem	SOM	Endocrinology
Carlson	Paul	SOM	Psychiatry
Chelune	Gordon	SOM	Neurology
Costa	Donna	Health	Occupational Therapy
Edelman	Linda	Nursing	
Farrell	Tim	SOM	Geriatrics
*Henry	Maureen	SOM	Geriatrics/Commission on Aging
Hicks-Little	Charlie	Health	Exercise & Sport Science
Johnson	Julie	Nursing	
+ Jones	Therese	SOM	Medical Ethics
*Kithas	Philip	SOM	Geriatrics
*LaFleur	Joanne	Pharmacy	Pharmacotherapy
+ McDaniel	Susan	Soc & Beh Science	Family & Consumer Studies

Last	First	School or College	Department
Morse	Janice	Nursing	
Nirula	Raminder	SOM	Surgery
Rada von Armin	Codrina	Soc & Beh Science	Economics
Richardson	Russell	SOM and Health	Geriatrics and Exercise & Sport Science
*Towsley	Gail	Nursing	
Wang	Yong	SOM	Otolaryngology
Watson	Jason	Soc & Beh Science	Psychology
Wray	Walter	SOM	Geriatrics
Zamrini	Edward	SOM	Neurology
Zimmer	Zachary	Soc & Beh Science	Sociology

\* Internal recruit. † Has since left Utah

- Aging-related grant funding:

As of December 2009, aging-related research grant funding and the number of funded investigators have grown to \$13.9 million and 40 funded faculty investigators. Illustrated in the figure below, this represents a more than three-fold increase in annual direct cost funding and a similar three-fold increase in the number of funded investigators. Detailed information concerning these grants is provided in Appendix A.



Several of these grants that have provided critical programmatic support are listed below.

- D.W. Reynolds Foundation.

The University of Utah School of Medicine was awarded a four-year \$2 million grant in 2006 (M. Supiano, PI) to help address one of the most urgent needs in U.S. health care: competent medical treatment for the nation's growing elderly population. The grant—"Comprehensive Program to Strengthen Physicians' Training in Geriatrics"—is funded by the Donald W. Reynolds Foundation.

- Utah Governor's Commission on Aging

In 2005, the legislature created the Commission within the Governor's office to address how state government and the private sector can prepare for the wave of aging individuals that began in 2006 when the oldest baby boomers turn 60. Its initial two year appropriation was renewed for second two year term when the Commission moved to the University of Utah to join the CoA. As of October 2009 the Commission on Aging entered into a cooperative agreement with the Administration on Aging (AoA) to make it easier for people in Utah to learn about and access the full array of long-term care options that are available in their communities. This award provides three years of support for the Commission's ongoing activities.

- John A. Hartford Geriatric Nursing Center of Excellence

The University of Utah was awarded a Hartford Center for Geriatric Nursing Excellence in 2007. It is designed to increase the number of faculty qualified to teach geriatric nursing through national and regional strategies. This five-year, \$1 million dollar award will be augmented with significant investment in geriatric education by the University of Utah. Along with funding support comes the prestige of being affiliated with this nationally-recognized leader in the advancement of geriatric care and education.

- VA Programmatic Growth

The support the CoA program receives from the VA for aging-related research and centers is substantial and has grown dramatically in the last several years. The VA Salt Lake City Geriatric Research, Education and Clinical Center (GRECC; \$1.6 M annual budget) was successfully reviewed and its program renewed in March 2009 by the VA's Geriatrics and Gerontology Advisory Committee. It is important to note new funding of three major VA centers based at the Salt Lake City VA that are closely connected with the GRECC and its aging-research mission. These centers are not listed in the above total of aging specific grants. Two of the centers are led by GRECC faculty – Drs. Bair and Nebeker. Together, these VA centers awarded in the past year have combined annual funding in excess of \$7 million.

- The VA Western Region Rural Health Resource Center directed by Byron Bair, MD focuses on health care access and technology; the targeted populations are Native American and Geriatric. (\$2.0 M annual budget)
- A HSR&D Research Enhancement Award Program, the Informatics, Decision Enhancement, And Surveillance (IDEAS) Center led by Matt Samore, MD (\$250K annual budget)
- Veterans' Informatics, iNformation, and Computing Infrastructure (VINCI) led by Jonathan Nebeker, MD. (\$5M annual budget)

*In summary, continued substantial progress is being made in the measurable goals for this aim – the increase in CoA membership, aging research grants, the number of investigators with funded programs in aging-related research, and programmatic growth through recruitment and by career development.*

Specific Aim 2. Foster the development of new interdisciplinary collaborations in aging research.

The Center's visibility also continues to grow through the following activities.

- Communications:
  - Center's web presence ([www.aging.utah.edu](http://www.aging.utah.edu))
  - Facebook presence launched November 2009
  - monthly e-newsletter (with past issues archived on the web site)
  - University of Utah-wide web-based events calendar link
- Pilot grant program:
  - The CoA's pilot grant program has to date received 56 applications (representing 49 unique investigators due to resubmissions).
  - Of these, seventeen have been funded – a 30% funding success rate.
  - A total of \$470K has been invested in this program.

Two pilot grant recipients have received new extramural grants in 2009 as a direct outcome of their pilot project funding: JoAnne LaFleur, PharmD. received a five-year career development award from AHRQ. Zac Zimmer, PhD will be awarded funding for an NIA R01 (Modeling Disability Trajectories in Rapidly Aging Populations; 2-year total cost budget: \$428,000).

- Research Retreat:

The Center inaugurated its now annual research retreat in March 2007. Retreat activities include a welcome reception and poster session for CoA faculty and trainees the afternoon of the first day. The following day's morning session includes oral presentations from the currently funded pilot grant recipients and a keynote address from a prominent external gerontologist. The keynote presenters are:

<b>Year</b>	<b>Keynote Speaker(s)</b>
2007	Robert (MD) and Rosalie Kane (PhD); University of Minnesota
2008	Jeffery Halter, MD; University of Michigan
2009	John Wilmoth, PhD; UC- Berkley
2010	Tim Smeeding, PhD; University of Wisconsin

An exciting new partnership was forged in 2009 with the Siciliano Foundation. The Foundation agreed to have the topic for the 2009 Siciliano Forum focus on aging. The October 2009 Siciliano Forum, "Global Aging in the 21<sup>st</sup> Century: Challenges, Opportunities and Implications for the US" was very well received. It is expected that a conference proceedings will be published as an outcome of the forum's presentations.

- Research Infrastructure support: The K07 award is also supporting the creation of an infrastructure to support aging-related research with a long range goal of

developing these components into cores that will support program project and/or center grant applications. The creation of an Aging Studies Subject Registry from the existing Utah Population Database (UPDB) has been initiated. A subset of individuals from the UPDB will be identified and invited to concurrently be listed in the Aging Studies Registry. Its creation was delayed in order to take advantage of the funding of the Utah Center for Clinical and Translational Science (CCTS) and to coordinate its development with similar CCTS initiatives.

*In summary, substantial progress has been made toward accomplishing the second specific aim's goals. Future plans include a process to formally evaluate the success of the pilot grant program, and to develop the Aging Studies Subject Registry.*

### Specific Aim 3. Develop a multidisciplinary research training program in aging for pre- and post-doctoral trainees.

In parallel with the first two aims, progress has been made in expanding opportunities for research training for individuals from multiple disciplines and at several levels of training. Within the School of Medicine, a Student Chapter of the American Geriatrics Society was created and has been used to advertise the availability of summer research experiences for first year medical students through the NIA T35 Medical Student Training in Aging Research (MSTAR) program. Two students were funded in Summer 2008 – one through MSTAR and one internally and three students received MSTAR funding in Summer 2009.

The Geriatric Medicine fellowship program has graduated four fellows since 2006, with one fellow currently enrolled. In addition, we have been very successful in identifying and filling our allotted VA Special Fellowship in Advanced Geriatrics positions which provide two years of additional training beyond the clinical year to promote academic career development.

An important step was achieved in 2009 with the submission and legislative passage of an amendment to the Utah Workforce Financial Assistance Program that will make loan forgiveness available to qualified geriatric healthcare providers. Working in partnership with the Utah Commission on Aging the legislation proposing this mechanism was drafted and ultimately passed by the Utah legislature during its 2009 session. Based on the success of similar programs we are confident that this program will aid in our ability to recruit, train and retain geriatric healthcare providers in Utah.

Career development of junior faculty who have interests in aging research has also been successful. Several examples include the following career development awards: Brad Katz, MD, (Ophthalmology – Jahnigen Award); JoAnne LaFleur, PharmD (AHRQ); Brian Sauer, PhD (VA); Matthew Rondina, MD (K23); Walter Wray, PhD (Parker B. Francis and American Heart Association Awards).

*In summary, substantial progress is being made to accomplish the goal to provide research training in aging for pre- and post-doctoral trainees. Successfully filling the clinical fellow positions will help the program continue to fill its advanced training positions. Junior faculty development in academic geriatric careers is also being supported.*

## **Overall Summary of Progress and Future Directions**

In summary, much progress has been made in the last four years in meeting the objective to enhance the visibility and support for aging-related research at the University of Utah. Institutional support from the Senior Vice Presidents' Offices supplemented by funding from NIH and the State legislature has been crucial to the CoA success to date. In turn, the growth in aging-related research grants, especially that emanating from the pilot grant program, provide evidence for the return on the investment that the institution has made to date.

A budget request to maintain the current funding level for the CoA's operational expenses and pilot grant program for FY2011 through FY2015 is being submitted. With ongoing support, continued growth in each of the three specific aims summarized in this progress report is expected. The next phase in the CoA's evolution is to mature around one or more of several emerging themes (e.g. exercise and mobility/ falls; vascular aging, neurocognitive aging, genetics of longevity) to develop multi-disciplinary training grants and research cores. These components will serve as the foundation to develop successful applications for program project and center grants – ultimately to support establishing a NIA-funded Older Americans Independence (Pepper) Center at the University of Utah.

Appendix A. Active Aging-related grants in 2009

ONGOING									
Proposal ID	Sponsor Name	Short Title	PI Name	COA MEMBER	College Name	Department Name	Annual Direct Cost	Annual F&A Cost	Total Annual Budget
<b>NIA</b>									
2210106-6781-0	NIH NATIONAL INSTITUTE ON AGING	DUAL PROCESS INTERVENTION FOR RECENTLY BEREAVED SPOUSES.	CASERTA,MICHAEL	X	COLLEGE OF NURSING	NURSING	\$321,456	\$94,028	\$415,484
2210106-4203	NIH NATIONAL INSTITUTE ON AGING	GENOMIC INTEGRITY & AGING	CAWTHON,RICHARD M	X	SCHOOL OF MEDICINE- OPERATIONS	HUMAN GENETICS	\$80,360	\$40,581	\$120,941
10014715	NIH NATIONAL INSTITUTE ON AGING	PREDICTING DEMENTIA	DUFF,KEVIN		SCHOOL OF MEDICINE- OPERATIONS	ALZHEIMER'S CENTER	\$131,451	\$10,516	\$141,967
2210106-1392	NIH NATIONAL INSTITUTE ON AGING	INFLAMMATION AND AGING	GAHRING,LORISE C	X	SCHOOL OF MEDICINE- OPERATIONS	GERIATRICS	\$164,000	\$82,820	\$246,820
2210106-1393	NIH NATIONAL INSTITUTE ON AGING	INFLAMMATION AND AGING - R01 SUPPLEMENT	GAHRING,LORISE C	X	SCHOOL OF MEDICINE- OPERATIONS	GERIATRICS	\$102,423	\$51,724	\$154,147
2210106-6781-0	NIH NATIONAL INSTITUTE ON AGING	GENETICS OF AGING	HUNT,STEVEN C	X	SCHOOL OF MEDICINE- OPERATIONS	CARDIOVASCULAR GENETICS	\$820,635	\$406,214	\$1,226,849
10001053	NIH NATIONAL INSTITUTE ON AGING	REDUCING FALLS	LASTAYO,PAUL C	X	COLLEGE OF HEALTH	PHYSICAL THERAPY - COH	\$270,145	\$126,323	\$396,468
2310134	NIH NATIONAL INSTITUTE ON AGING	R01 SUPPLEMENT	LASTAYO,PAUL C	X	COLLEGE OF HEALTH	PHYSICAL THERAPY - COH	\$109,157	\$49,737	\$158,894
2302160-6638-2	NIH NATIONAL INSTITUTE ON AGING	NICOTINE RECEPTORS AND COX2 IN THE AGING BRAIN	ROGERS,SCOTT W	X	SCHOOL OF MEDICINE- OPERATIONS	NEUROBIOLOGY & ANATOMY LABS	\$168,000	\$83,160	\$251,160
10006296	NIH NATIONAL INSTITUTE ON AGING	THE UTAH STUDY OF FERTILITY, LONGEVITY, AND AGING.	SMITH,KEN R	X	OFFICE OF SR VP HEALTH SCI	HUNTSMAN CANCER INSTITUTE	\$1,052,228	\$520,852	\$1,573,080
10006296	NIH NATIONAL INSTITUTE ON AGING	GERIATRIC ACADEMIC LEADERSHIP AWARD	SUPIANO,MARK ANDREW	X	SCHOOL OF MEDICINE- OPERATIONS	GERIATRICS	\$100,000	\$8,000	\$108,000
NIA Subtotals							\$3,319,855	\$1,473,956	\$4,793,811
<b>Other NIH</b>									
10002496	NATIONAL INSTITUTES OF HEALTH	Social Relationships & Cellular Aging	UCHINO,BERT N		COLLEGE OF SOCIAL & BEHAV SCIENCE	PSYCHOLOGY DEPARTMENT	\$250,000	\$123,750	\$373,750
10016120	NIH NATIONAL CANCER INSTITUTE	TELOMERE LENGTH, RDNA, & MTDNA	CAWTHON,RICHARD M	X	SCHOOL OF MEDICINE- OPERATIONS	HUMAN GENETICS	\$74,124	\$24,245	\$98,369
10000702	NATIONAL INSTITUTES OF HEALTH	Social relationships and Cellular Aging	UCHINO,BERT N		COLLEGE OF SOCIAL & BEHAV SCIENCE	PSYCHOLOGY DEPARTMENT	\$120,540	\$60,872	\$181,412
10014263	NATIONAL INSTITUTES OF HEALTH	RAPIDLY AGING POPULATIONS	ZIMMER,ZACHARY	X	SR VP ACADEMIC AFFAIRS - OPER	INST. OF PUBLIC & INTERN. AFF.	\$118,646	\$34,345	\$152,991
10003347	NATIONAL SCIENCE FOUNDATION	Reproductive & Physiological Aging in Chimpanzees	HAWKES,KRISTEN	X	COLLEGE OF SOCIAL & BEHAV SCIENCE	ANTHROPOLOGY DEPARTMENT	\$94,077	\$46,568	\$140,645
2206008	NIH NATIONAL INST OF GENERAL MEDICAL SCI	STRUCTURES OF THE ENDS OF TELOMERES	HORVATH,MARTIN P		COLLEGE OF SCIENCE	BIOLOGY	\$170,888	\$84,589	\$255,477
10000311	NIH NATIONAL EYE INSTITUTE	GENETICS OF MACULAR DEGENERATION.	ZHANG,KANG		SCHOOL OF MEDICINE- OPERATIONS	OPHTHALMOLOGY- RESEARCH	\$382,240	\$189,208	\$571,448
2409028-6154-0	NIH NATIONAL HEART LUNG & BLOOD INST	HYPERGEN NETWORK	HUNT,STEVEN C	X	SCHOOL OF MEDICINE- OPERATIONS	CARDIOVASCULAR GENETICS	\$673,198	\$179,651	\$852,849

Appendix A. Active Aging-related grants in 2009

Proposal ID	Sponsor Name	Short Title	PI Name	COA MEMBER	College Name	Department Name	Annual Direct Cost	Annual F&A Cost	Total Annual Budget
10003616	NIH NATIONAL HEART LUNG & BLOOD INST	VENOUS THROMBOEMBOLISM	WEYRICH,ANDREW S		SCHOOL OF MEDICINE- OPERATIONS	HUMAN MOLECULAR BIOL & GENETIC	\$370,418	\$151,796	\$522,214
10012869	NIH NATIONAL INSTITUTE ON DRUG ABUSE	TNF ALPHA AND NACHR INTERACTIO	GAHRING,LORISE C	X	SCHOOL OF MEDICINE- OPERATIONS	GERIATRICS	\$250,000	\$126,250	\$376,250
2202057-5635-0	NIH NATIONAL INSTITUTE ON DRUG ABUSE	INFLAMMATORY CNS CYTOKINES	GAHRING,LORISE C	X	SCHOOL OF MEDICINE- OPERATIONS	GERIATRICS	\$195,300	\$96,673	\$291,973
2206105	NIH NATIONAL INST OF GENERAL MEDICAL SCI	DROSOPHILA TELOMERE FUNCTION	GOLIC,KENT G		COLLEGE OF SCIENCE	BIOLOGY	\$207,500	\$102,713	\$310,213
5772	NIH NATL INST DEAF & OTHER COMM DISORDER	NOISE INDUCED HEARING LOSS	WANG,YONG		SCHOOL OF MEDICINE- OPERATIONS	OTOLARYNGOLOG Y	\$48,550	\$24,032	\$72,582
9497	NIH NATIONAL HEART LUNG & BLOOD INST	HYPERTENSION	HUNT,STEVEN C	x	SCHOOL OF MEDICINE- OPERATIONS	CARDIOVASCULAR GENETICS	\$546,884	\$207,349	\$754,233
10001245	NIH NATL INST DIABETES DIGEST KIDNEY DIS	UUITN	NORTON,PEGGY A		SCHOOL OF MEDICINE- OPERATIONS	UROGYNECOLOGY DIVISION	\$309,161	\$150,305	\$459,466
10002584	NATIONAL INSTITUTES OF HEALTH	Urban/Rural Disparities in Health & Mortality in China	ZIMMER,ZACHARY	X	COLLEGE OF SOCIAL & BEHAV SCIENCE	INST. OF PUBLIC & INTERN. AFF.	\$47,111	\$20,719	\$67,830
10016556	DUKE CLINICAL RESEARCH INSTITUTE	PACTTE	PRCHAL,JOSEF T.		SCHOOL OF MEDICINE- OPERATIONS	HEMATOLOGY	\$100,602	\$39,484	\$140,086
15194	ADMINISTRATION ON AGING	UTAH ADRC	HENRY,MAUREEN	X	SCHOOL OF MEDICINE- OPERATIONS	GERIATRICS	\$228,000	\$0	\$228,000
Other NIH Subtotal							\$4,187,239	\$1,662,549	\$5,849,788
<b>Other Federal (Non-VA)/Foundation</b>									
2301195-6247-0	AGENCY FOR HEALTHCARE RESEARCH & QUALITY	ANTIBIOTIC USE & BACTERIURIA IN THE RURAL NURSING HOME.	RUBIN,MICHAEL A.	X	SCHOOL OF MEDICINE- OPERATIONS	DIVISION OF EPIDEMIOLOGY	\$124,750	\$9,980	\$134,730
10012966	AGENCY FOR HEALTHCARE RESEARCH & QUALITY	OSTEOPOROSIS DECISION SUPPORT	LAFLEUR,JOANNE FRANCOISE		COLLEGE OF PHARMACY ADMIN	PHARMACOTHERA PY OUTCOME	\$37,300	\$2,984	\$40,284
10004527	AMERICAN GERIATRICS SOCIETY	AMERICAN GERIATRICS SOCIETY- CAREER DEVELOPMENT AWARD	KATZ,BRADLEY J	X	SCHOOL OF MEDICINE- OPERATIONS	OPHTHALMOLOGY- RESCTR RESEARCH	\$75,000	\$0	\$75,000
7206	AMERICAN HEART ASSN WSTRN STATES AFFLT	OXIDATIVE STRESSS & OBESITY	BOUDINA,SIHEM	X	SCHOOL OF MEDICINE- OPERATIONS	HUMAN MOLECULAR BIOL & GENETIC	\$70,000	\$7,000	\$77,000
10009792	AMERICAN HEART ASSOCIATION	AHA SCIENTIST DEVELOP - WRAY	WRAY,DAVID	X	SCHOOL OF MEDICINE- OPERATIONS	GERIATRICS	\$70,000	\$7,000	\$77,000
10002142	AMERICAN PARKINSON DISEASE ASSN INC	PHYSICAL THERAPY EXERCISE PROGRAM FOR PERSONS WITH PD	DIBBLE,LELAND E	X	COLLEGE OF HEALTH	PHYSICAL THERAPY - COH	\$42,000	\$0	\$42,000
10002151	ANONYMOUS	EARLY AD DETECTION	FOSTER,NORMAN	X	SCHOOL OF MEDICINE- OPERATIONS	ALZHEIMER'S CENTER	\$250,000	\$0	\$250,000
2404132	BERNARD OSHER FOUNDATION	OSHER LIFELONG LEARNING INSTITUTE.	HOUSE,CATHY P	X	SR VP ACADEMIC AFFAIRS - OPER	ACADEMIC OUTREACH CONTIN ED	\$100,000	\$0	\$100,000



Appendix A. Active Aging-related grants in 2009

Proposal ID	Sponsor Name	Short Title	PI Name	COA MEMBER	College Name	Department Name	Annual Direct Cost	Annual F&A Cost	Total Annual Budget
10014341	COUNCIL ON SOCIAL WORK EDUCATION	SPECIALIZED GERONTOLOGY PROGRA	LUPTAK,MARILYN	X	COLLEGE OF SOCIAL WORK	CSW SOCIAL RESEARCH INSTITUTE	\$9,524	\$472	\$9,996
10013267	DAVIS PHINNEY FOUNDATION	QOL & MOBILITY DECLINE	DIBBLE,LELAND E	X	COLLEGE OF HEALTH	PHYSICAL THERAPY - COH	\$60,900	\$0	\$60,900
2503081	DHHS CENTERS FOR MEDICARE & MEDICAID SVC	Reducing Cancer Disparities	BURT,RANDALL WALTER/RANDALL RUPPER		OFFICE OF SR VP HEALTH SCI	HUNTSMAN CANCER INSTITUTE	\$1,286,034	\$636,587	\$1,922,621
10001600	DONALD W REYNOLDS FNDTN	PHYSICIAN TRAINING GERIATRICS	SUPIANO,MARK ANDREW	X	SCHOOL OF MEDICINE- OPERATIONS	GERIATRICS	\$424,668	\$75,332	\$500,000
9109	FIGHT FOR SIGHT	RETINAL MICROGLIA IN GLAUCOMA	BOSCO,ALEJANDRA		SCHOOL OF MEDICINE- OPERATIONS	NEUROBIOLOGY & ANATOMY LABS	\$20,000	\$0	\$20,000
10009631	FRANCIS FAMILY FOUNDATION	WRAY PBF FELLOWSHIP	RICHARDSON,RUSS ELL S	X	SCHOOL OF MEDICINE- OPERATIONS	INTERNAL MEDICINE ADMIN	\$74,000	\$0	\$74,000
7566	HARTFORD GERIATRIC SOCIAL WORK	Caring for Older Adults	LUPTAK,MARILYN	X	COLLEGE OF SOCIAL WORK	COLLEGE OF SOCIAL WORK	\$100,000	\$0	\$100,000
10000630	HEALTH RESOURCES & SERVICES ADMN	ADDICTION ABUSE ACROSS THE LIFESPAN	SICILIANO,PAULA M	X	COLLEGE OF NURSING	NURSING	\$246,240	\$19,699	\$265,939
2307083-4424	HRSA BHPR GERIATRIC EDUCATION CENTERS	ENHANCED RN CREDENTIALS: GERIATRIC CARE AND LEADERSHIP	PEPPER,GINETTE A	X	COLLEGE OF NURSING	NURSING	\$158,244	\$12,659	\$170,903
10008350	INSTITUT DE MYOLOGIE	MRI AND SKELETAL MUSCLE	RICHARDSON,RUSS ELL S	X	SCHOOL OF MEDICINE- OPERATIONS	GERIATRICS	\$33,997	\$16,828	\$50,825
10005183	JOHN A HARTFORD FOUNDATION	PEPPER-HARTFORD-03'07	PEPPER,GINETTE A	X	COLLEGE OF NURSING	NURSING	\$169,440	\$16,944	\$186,384
10008464	STRYKER ORTHOPAEDICS	EFFECT OF AGING ON SPINAL FUSI	DAUBS,MICHAEL D		SCHOOL OF MEDICINE- OPERATIONS	ORTHOPEDIC SURGERY OPERATIONS	\$57,539	\$18,815	\$76,354
10011870	UNIVERSITY OF CALIFORNIA SAN DIEGO	COPD AND OXIDATIVE STRESS	RICHARDSON,RUSS ELL S	X	SCHOOL OF MEDICINE- OPERATIONS	GERIATRICS	\$412,115	\$107,149	\$519,264
2401099	UNIVERSITY OF CALIFORNIA SANTA BARBARA	CROSS-PROTECTIVE VACCINES	DAYNES,RAYMOND A	X	SCHOOL OF MEDICINE- OPERATIONS	CELL BIOLOGY & IMMUNOLOGY	\$86,042	\$42,591	\$128,633
10004450	UT DEPARTMENT OF HEALTH	ePRM	NEBEKER,JONATHA N R.	X	SCHOOL OF MEDICINE- OPERATIONS	GERIATRICS	\$228,856	\$0	\$228,856
10011790	UTAH STATE UNIVERSITY	MTDNA & HEALTH IN THE ELDERLY	CAWTHON,RICHAR D M	X	SCHOOL OF MEDICINE- OPERATIONS	HUMAN GENETICS	\$72,000	\$0	\$72,000
10006403	UTAH STATE UNIVERSITY	LIFESPAN STRESS AND ALZHEIMERS	SMITH,KEN R	X	OFFICE OF SR VP HEALTH SCI	HCI FERTILITY, LONGEV & AGING	\$61,380	\$30,996	\$92,376
						Total Other Federal(Non-VA)/Foundation Subtotal	\$4,270,029	\$1,005,036	\$5,275,065
<b>VA</b>									
	VA BSR&D	NICOTINE INDUCED ALTERATION IN ADI PRODICTION	GAHRING,LORISE C	X	SCHOOL OF MEDICINE- OPERATIONS	GERIATRICS	\$145,000	\$0	\$145,000
	VA HSR&D	SURVEILLANCE OF MEDICAL DEVICE_RELATD PROBLEMS IN ICU	SAMORE, MATTHEW	X	SCHOOL OF MEDICINE- OPERATIONS	DIVISION OF EPIDEMIOLOGY	\$183,667	\$0	\$183,667

Appendix A. Active Aging-related grants in 2009

Proposal ID	Sponsor Name	Short Title	PI Name	COA MEMBER	College Name	Department Name	Annual Direct Cost	Annual F&A Cost	Total Annual Budget
VA HSR&D		The Effect of Serum Potassium Monitoring on Hyperkalemia in Patients using Angiotnesin Converting Inhibitors or Angiotensin Receptor Blockers	SAUER, BRIAN	X	SCHOOL OF MEDICINE- OPERATIONS	DIVISION OF EPIDEMIOLOGY	\$105,272	\$0	\$105,272
VA HSR&D		IMPLEMENTATION OF REAL_TIME ADE SURVEILLANCE AND DECISION SUPPORT	NEBEKER, JONATHAN R.	X	SCHOOL OF MEDICINE- OPERATIONS	GERIATRICS	\$88,622	\$0	\$88,622
VA CSR&D		MIND-ICU Study: Delirium and Dementia in Veterans Surviving ICU Care	ELSTAD, MARK		SCHOOL OF MEDICINE- OPERATIONS	GENERAL INTERNAL MEDICINE	\$21,088	\$0	\$21,088
DVA -VACO		SALT LAKE GRECC	SUPIANO, MARK ANDREW	X	SCHOOL OF MEDICINE- OPERATIONS	GERIATRICS	\$1,600,000	\$0	\$1,600,000
VA Subtotal							\$2,143,649	\$0	\$2,143,649
<b>TOTAL</b>							<b>\$13,920,772</b>	<b>\$4,141,540</b>	<b>\$18,062,312</b>

PENDING										
Proposal ID	Sponsor Name	Short Title	PI Name	COA MEMBER	College Name	Department Name	Proposed Start Date	Annual Direct Cost	Annual F&A Cost	Total Annual Budget
10014738	NIH NATIONAL INSTITUTE ON AGING	ELCS	SMITH, KEN R	x	OFFICE OF SR VP HEALTH SCI	HCI FERTILITY, LONGEV & AGING	4/1/10	3,957,245.00	\$1,407,552	\$5,364,797
10016108	NIH NATIONAL INSTITUTE ON AGING	ELCS BABY BOOMER	SMITH, KEN R	x	OFFICE OF SR VP HEALTH SCI	HCI FERTILITY, LONGEV & AGING	7/1/10	1,950,733.00	\$804,988	\$2,755,721
10016389	UNIVERSITY OF MEDICINE AND	TELOMERES AND VASCULAR AGING	HUNT, STEVEN C	x	SCHOOL OF MEDICINE	CARDIOVASCULAR (	7/1/10	164,518.00	497,301.00	\$661,819
10016961	AMERICAN FEDERATION FOR AGING AND HEARING LOSS		WANG, YONG		SCHOOL OF MEDICINE	SURGERY RESEARCH	7/1/10	75,000.00	\$7,500	\$82,500