Pepper OAIC & Contact	What are the specialty foci or expertise areas of your Center in which an exchange scholar could receive career development as described above?	Please describe exemplar experiences you could imagine providing to a visiting scholar for a short (2-3 day) visit.	Please describe exemplar experiences you could imagine providing to a visiting scholar for a longer (2-3 week) visit.
Duke University Point of Contact: Kenneth Schmader kenneth.schmader@duke.edu	Our focus is understanding and optimizing reserve and resilience in older adults.  The Molecular Measures Core (MMC) can offer hands on training in molecular measures including ELISA and GC mass spec analyses. The Research Education Core can offer individual Professional Development and intervention development guidance. The Analysis Core (AC) can offer guidance on statistical methodology and study design, explore potential opportunities for collaborations using databases from our own center or from the visiting scholar, and help identify potential collaborators with relevant quantitative and qualitative expertise.  The Health and Mobility Measures Core (HMC) can provide consultation on appropriate measures of physical function for a specific project/population, hands-on training in clinical assessments of physical performance (e.g., SPPB, 6-minute walk), consultation on wearables and technology for remotely assessing physical function, and data science approaches to characterize functional status and resilience.	values for molecular measures and overall provide insights to interpreting such data in future. Individualized professional development consultation geared to the needs of the faculty member; grant writing workshops.  For Health and Mobility Measures, a short visit would enable the trainee to learn the standardized procedures for assessing physical function, common obstacles encountered in clinical research, and how to use physical function scores to determine individual health (relative to population norms) and/or to inform a future intervention.  Center as a whole, short, 2-3 day visits with individual faculty and/or their research groups host exchange scholars who are interested in mentoring around a common interest, e.g., geroscience, cancer and aging, prescribing and	For Health and Mobility Measures, a longer visit would allow the trainee to collaborate with HMC faculty to explore function-related research questions in Duke OAIC datasets for future publication, and/or receive more comprehensive training around data processing, analysis, and interpretation of objective activity monitoring. For Molecular Measures, a longer-term visit could be done as a collaboration-the trainee would buy kits and ship them in advance, "BYOB" - bring their own samples (ship in advance) and perform analyses on site. In addition or alternatively, the trainee could shadow laboratory researchers to interface with ongoing molecular measures analyses. It might be possible for the trainee to engage with the stats team for discussion of analytical approaches.  The REC offers Intervention development consultations using the Medical Research Council/NIH Framework, as part of our weekly workshop series. Depending on the trainee area of work, grant or manuscript consultation and proofing could be offered by the Duke Pepper team on a case by case basis - based on the research field of the proposal/manuscript.
Johns Hopkins University Point of Contact: Brian Buta bbuta@jhu.edu	physiological stress-response systems, clinical translation, high-	Day 1 - Give seminar; brief one-on-one meetings with relevant faculty; dinner Day 2 - Longer, working conversations with key faculty aimed at developing collaborations; participate in Biology of Heathy Aging workgroup meeting Day 3 - Participate in Frailty Working Group meeting; concluding discussions setting follow ups. This timeline would ideally take place from Mon-Wed during the academic year.	Three multi-week visit exemplars:  1) Combined visit taking courses in JHU summer institute in epidemiology & biostatistics / conferring over research paper development.  2) Prolonged exposure to ongoing NIA-supported study on Physical Resiliency in older adults / conferring over research paper development.  3) Pursuit of core educational module around frailty including exposure to biological, epidemiological, clinical studies and methodological challenges. This could include the development of a manuscript related to frailty, its etiologies, and its potential treatments.
Mount Sinai Medical Center Point of Contact: Deborah Watman Deborah.watman@mssm.edu	Palliative Care and CAPC Immersion, including training in various Palliative Care needs.	1) Attending the NPCRC with a person from Mount Sinai serving as a host. 2) Members of the Measurement, Methods and Analysis Core have experience directing numerous data coordinating centers, and can provide assistance in measure selection. 3) CAPC - Center to Advance Palliative Care: The CAPC National Seminar is brought to you by Center to Advance Palliative Care (CAPC), which provides the essential tools, training, technical assistance, and metrics to build and sustain palliative care in all health care settings. CAPC is part of the Patty and Jay Baker National Palliative Care Center, with the National Palliative Care Research Center, all part of the Brookdale Department of Geriatrics and Palliative Medicine at the Icahn School of Medicine at Mount Sinai. 4) Meet with faculty and research staff using the National Health and Aging Trends Study, the Medicare Current Beneficiary Survey, and the Health and Retirement Study to understand more about opportunities to use nationally-representative cohort studies to advance aging research.	N/A

Northwestern OAIC	The mission of the Northwestern OAIC is to generate innovative	Day 1 - Deliver work-in-progress at our multidisciplinary school-wide venue	Week 1
Point of Contact:	research that will enhance primary care for medically complex, older	(Institute for Public Health & Medicine)	* deliver work-in-progress at our multidisciplinary schoolwide venue (Institute for
Julia Yoshino Benavente, MPH	adults with multiple chronic conditions to achieve optimal health,	Introduction to availability of unique aging research datasets and collaboration	Public Health & Medicine)
julia.benavente@northwestern.edu	function, independence and quality of life.	opportunities, in partnership with the Resource Cores (measurement, design,	* introduction to availability of unique aging research datasets and collaboration
Julia.beliavelite@flortiliwesterii.edu	Specific areas of expertise include:	analytics)	opportunities, in partnership with the Resource Cores (measurement, design,
	Dissemination & implementation science, advanced care planning,	Individualized faculty mentor session tailored to scholar research focus	analytics)
	antimicrobial stewardship, cardiovascular epidemiology, caregiver	Day 2 - 'Virtual tour' and discussions with healthcare system clinical and	* individualized faculty mentor session tailored to scholar research focus
	involvement, cognitive aging, community health, data harmonization,	administrative leadership (primary care innovation, healthcare informatics), as	* 'virtual tour' and discussions with healthcare system clinical and administrative
	deprescribing, digital health, health & healthcare disparities, health	well as community and industry partners (Walgreens, Chicago Department of	leadership (primary care innovation, healthcare informatics), as well as community
	literacy & health communication, health services research, leveraging o		and industry partners (Walgreens, Chicago Department of Public Health, federally
	consumer & health technologies, meaningful use of electronic health	Informal, virtual research poster session with current and/or former	qualified health center networks)
	records, medication safety, multi-morbidity, pragmatic trials design,	Northwestern Pepper Scholars and other geriatric junior investigators	* outline an original research manuscript centered on primary care management of
	patient activation, patient-reported outcomes measurement (PROMIS,	Day 3 - Meet with the Measurement Core faculty to understand how to	multiple chronic conditions leveraging existing OAIC data sources, working with
	NIHToolbox), polypharmacy, psychosocial determinants of health,	develop, deploy, and interpret patient reported outcomes	appropriate Northwestern OAIC Cores and faculty
	primary care innovation, self-management science, treatment	meet with Design Core faculty to gain consultation on the development and	Weeks 2, 3 (depending on proposed visit length)
	adherence.	deployment of consumer and/or healthcare technologies to manage, monitor	* meet with the Measurement Core faculty to understand how to develop, deploy,
	The Northwestern OAIC includes three resources cores that provide	patient care identify ongoing collaborative opportunities with Northwestern	and interpret patient reported outcomes
	guidance and support regarding patient-reported outcomes	Pepper Center researchers experienced in developing, optimizing, and	* meet with the Design Core faculty to gain consultation on the development and
	measurement, technology enabled healthcare design, and	evaluating electronic health record-based interventions to improve care	deployment of consumer and/or healthcare technologies to manage, monitor patient
	comprehensive data analytics.	In addition, other opportunities to understand how the application of	care
		behavioral science principles, including from behavioral economics and social	* meet with the Analytics Core faculty for guidance on appropriate methods for
		psychology, can be applied to improve care quality.	identified manuscript
			* complete analyses with Northwestern team, and finalize manuscript for submission
			* establish a plan for continued collaboration, including maintaining communications
			and seeking new grant opportunities that would include both institutions
HCCE	The goal of the UCCC Banner Center is to exhause naturalized	1) Participation in ONC works in progress conference	Dayslanmant of analysis plans, manuscripts, and grant dayslanmant
UCSF Point of Contact:	The goal of the UCSF Pepper Center is to enhance networking	1) Participation in OAIC works in progress conference     1) Montaging costions with earn family.	Development of analysis plans, manuscripts, and grant development
Point of Contact:	opportunities by creating a tailored experience containing the following	1 7	Development of analysis plans, manuscripts, and grant development
Point of Contact: Landon Haller	opportunities by creating a tailored experience containing the following elements:	1 7	Development of analysis plans, manuscripts, and grant development
Point of Contact:	opportunities by creating a tailored experience containing the following elements:  • Participation in OAIC works in progress conference (featuring the	1 7	Development of analysis plans, manuscripts, and grant development
Point of Contact: Landon Haller	opportunities by creating a tailored experience containing the following elements:  • Participation in OAIC works in progress conference (featuring the invited investigator as the speaker)	1 7	Development of analysis plans, manuscripts, and grant development
Point of Contact: Landon Haller	opportunities by creating a tailored experience containing the following elements:  • Participation in OAIC works in progress conference (featuring the invited investigator as the speaker)  • Networking lunch with researchers and faculty	1 7	Development of analysis plans, manuscripts, and grant development
Point of Contact: Landon Haller	opportunities by creating a tailored experience containing the following elements:  • Participation in OAIC works in progress conference (featuring the invited investigator as the speaker)  • Networking lunch with researchers and faculty  • Customized schedules with Geriatrics faculty designed to align with	2) Mentoring sessions with core faculty	Development of analysis plans, manuscripts, and grant development
Point of Contact: Landon Haller	opportunities by creating a tailored experience containing the following elements:  • Participation in OAIC works in progress conference (featuring the invited investigator as the speaker)  • Networking lunch with researchers and faculty  • Customized schedules with Geriatrics faculty designed to align with the scholar's research passion. We aim that these conversations evolve	2) Mentoring sessions with core faculty	Development of analysis plans, manuscripts, and grant development
Point of Contact: Landon Haller	opportunities by creating a tailored experience containing the following elements:  • Participation in OAIC works in progress conference (featuring the invited investigator as the speaker)  • Networking lunch with researchers and faculty  • Customized schedules with Geriatrics faculty designed to align with the scholar's research passion. We aim that these conversations evolve to become opportunities for future collaboration with our Pepper	2) Mentoring sessions with core faculty	Development of analysis plans, manuscripts, and grant development
Point of Contact: Landon Haller	opportunities by creating a tailored experience containing the following elements:  • Participation in OAIC works in progress conference (featuring the invited investigator as the speaker)  • Networking lunch with researchers and faculty  • Customized schedules with Geriatrics faculty designed to align with the scholar's research passion. We aim that these conversations evolve	2) Mentoring sessions with core faculty	Development of analysis plans, manuscripts, and grant development
Point of Contact: Landon Haller	opportunities by creating a tailored experience containing the following elements:  • Participation in OAIC works in progress conference (featuring the invited investigator as the speaker)  • Networking lunch with researchers and faculty  • Customized schedules with Geriatrics faculty designed to align with the scholar's research passion. We aim that these conversations evolve to become opportunities for future collaboration with our Pepper	2) Mentoring sessions with core faculty	Development of analysis plans, manuscripts, and grant development  Longer visits can be personally crafted to meet individual interests and needs.
Point of Contact: Landon Haller Landon.Haller@ucsf.edu	opportunities by creating a tailored experience containing the following elements:  • Participation in OAIC works in progress conference (featuring the invited investigator as the speaker)  • Networking lunch with researchers and faculty  • Customized schedules with Geriatrics faculty designed to align with the scholar's research passion. We aim that these conversations evolve to become opportunities for future collaboration with our Pepper Center community.	2) Mentoring sessions with core faculty	
Point of Contact: Landon Haller Landon.Haller@ucsf.edu  University of Connecticut	opportunities by creating a tailored experience containing the following elements:  • Participation in OAIC works in progress conference (featuring the invited investigator as the speaker)  • Networking lunch with researchers and faculty  • Customized schedules with Geriatrics faculty designed to align with the scholar's research passion. We aim that these conversations evolve to become opportunities for future collaboration with our Pepper Center community.  Theme: Precision Gerontology and Geroscience - enhancing	Mentoring sessions with core faculty  1) Present at Research-in-Progress sessions;	Longer visits can be personally crafted to meet individual interests and needs.
Point of Contact: Landon Haller Landon.Haller@ucsf.edu  University of Connecticut Point of Contact:	opportunities by creating a tailored experience containing the following elements:  • Participation in OAIC works in progress conference (featuring the invited investigator as the speaker) • Networking lunch with researchers and faculty • Customized schedules with Geriatrics faculty designed to align with the scholar's research passion. We aim that these conversations evolve to become opportunities for future collaboration with our Pepper Center community.  Theme: Precision Gerontology and Geroscience - enhancing independence in older adults through interventions that are targeted,	2) Mentoring sessions with core faculty  1) Present at Research-in-Progress sessions; 2) Attend didactic seminars;	Longer visits can be personally crafted to meet individual interests and needs. Such experiences can be entirely focused on basic bench science, on human subject
Point of Contact: Landon Haller Landon.Haller@ucsf.edu  University of Connecticut Point of Contact: Laura Masi	opportunities by creating a tailored experience containing the following elements:  • Participation in OAIC works in progress conference (featuring the invited investigator as the speaker)  • Networking lunch with researchers and faculty  • Customized schedules with Geriatrics faculty designed to align with the scholar's research passion. We aim that these conversations evolve to become opportunities for future collaboration with our Pepper Center community.  Theme: Precision Gerontology and Geroscience - enhancing independence in older adults through interventions that are targeted, more precise and more effective by virtue of being guided by the	1) Present at Research-in-Progress sessions; 2) Attend didactic seminars; 3) Attend Data Resource Core Data Discussion sessions;	Longer visits can be personally crafted to meet individual interests and needs. Such experiences can be entirely focused on basic bench science, on human subject research conducted at the UConn Center on Aging, on human subject research
Point of Contact: Landon Haller Landon.Haller@ucsf.edu  University of Connecticut Point of Contact: Laura Masi	opportunities by creating a tailored experience containing the following elements:  • Participation in OAIC works in progress conference (featuring the invited investigator as the speaker) • Networking lunch with researchers and faculty • Customized schedules with Geriatrics faculty designed to align with the scholar's research passion. We aim that these conversations evolve to become opportunities for future collaboration with our Pepper Center community.  Theme: Precision Gerontology and Geroscience - enhancing independence in older adults through interventions that are targeted, more precise and more effective by virtue of being guided by the multidimensional heterogeneity of aging.  Functional	1) Present at Research-in-Progress sessions; 2) Attend didactic seminars; 3) Attend Data Resource Core Data Discussion sessions; 4) Meet with individual faculty, core leaders and context experts at UConn	Longer visits can be personally crafted to meet individual interests and needs. Such experiences can be entirely focused on basic bench science, on human subject research conducted at the UConn Center on Aging, on human subject research conducted in the community or they can entail work with large datasets (e.g. UK
Point of Contact: Landon Haller Landon.Haller@ucsf.edu  University of Connecticut Point of Contact: Laura Masi	opportunities by creating a tailored experience containing the following elements:  • Participation in OAIC works in progress conference (featuring the invited investigator as the speaker) • Networking lunch with researchers and faculty • Customized schedules with Geriatrics faculty designed to align with the scholar's research passion. We aim that these conversations evolve to become opportunities for future collaboration with our Pepper Center community.  Theme: Precision Gerontology and Geroscience - enhancing independence in older adults through interventions that are targeted, more precise and more effective by virtue of being guided by the multidimensional heterogeneity of aging.  Functional Domains Addressed: Host defense/Immunology, Cognition/Affect,	1) Present at Research-in-Progress sessions; 2) Attend didactic seminars; 3) Attend Data Resource Core Data Discussion sessions; 4) Meet with individual faculty, core leaders and context experts at UConn Health, University of Connecticut or Jackson Laboratory for Genomic Medicine	Longer visits can be personally crafted to meet individual interests and needs. Such experiences can be entirely focused on basic bench science, on human subject research conducted at the UConn Center on Aging, on human subject research conducted in the community or they can entail work with large datasets (e.g. UK Biobank, HRS etc).
Point of Contact: Landon Haller Landon.Haller@ucsf.edu  University of Connecticut Point of Contact: Laura Masi	opportunities by creating a tailored experience containing the following elements:  • Participation in OAIC works in progress conference (featuring the invited investigator as the speaker)  • Networking lunch with researchers and faculty  • Customized schedules with Geriatrics faculty designed to align with the scholar's research passion. We aim that these conversations evolve to become opportunities for future collaboration with our Pepper Center community.  Theme: Precision Gerontology and Geroscience - enhancing independence in older adults through interventions that are targeted, more precise and more effective by virtue of being guided by the multidimensional heterogeneity of aging.  Functional Domains Addressed: Host defense/Immunology, Cognition/Affect, Mobility/Frailty, and Voiding/Continence.  Expertise areas:	1) Present at Research-in-Progress sessions; 2) Attend didactic seminars; 3) Attend Data Resource Core Data Discussion sessions; 4) Meet with individual faculty, core leaders and context experts at UConn Health, University of Connecticut or Jackson Laboratory for Genomic Medicine in Farmington CT	Longer visits can be personally crafted to meet individual interests and needs. Such experiences can be entirely focused on basic bench science, on human subject research conducted at the UConn Center on Aging, on human subject research conducted in the community or they can entail work with large datasets (e.g. UK Biobank, HRS etc). Alternatively, given UConn Pepper Center's strengths in translational research
Point of Contact: Landon Haller Landon.Haller@ucsf.edu  University of Connecticut Point of Contact: Laura Masi	opportunities by creating a tailored experience containing the following elements:  • Participation in OAIC works in progress conference (featuring the invited investigator as the speaker) • Networking lunch with researchers and faculty • Customized schedules with Geriatrics faculty designed to align with the scholar's research passion. We aim that these conversations evolve to become opportunities for future collaboration with our Pepper Center community.  Theme: Precision Gerontology and Geroscience - enhancing independence in older adults through interventions that are targeted, more precise and more effective by virtue of being guided by the multidimensional heterogeneity of aging.  Functional Domains Addressed: Host defense/Immunology, Cognition/Affect, Mobility/Frailty, and Voiding/Continence.  Expertise areas: applied translational geroscience research (bench, clinical, and	1) Present at Research-in-Progress sessions; 2) Attend didactic seminars; 3) Attend Data Resource Core Data Discussion sessions; 4) Meet with individual faculty, core leaders and context experts at UConn Health, University of Connecticut or Jackson Laboratory for Genomic Medicine in Farmington CT	Longer visits can be personally crafted to meet individual interests and needs. Such experiences can be entirely focused on basic bench science, on human subject research conducted at the UConn Center on Aging, on human subject research conducted in the community or they can entail work with large datasets (e.g. UK Biobank, HRS etc). Alternatively, given UConn Pepper Center's strengths in translational research spanning from the bench to the bedside, as well as from the institution to the
Point of Contact: Landon Haller Landon.Haller@ucsf.edu  University of Connecticut Point of Contact: Laura Masi	opportunities by creating a tailored experience containing the following elements:  • Participation in OAIC works in progress conference (featuring the invited investigator as the speaker)  • Networking lunch with researchers and faculty  • Customized schedules with Geriatrics faculty designed to align with the scholar's research passion. We aim that these conversations evolve to become opportunities for future collaboration with our Pepper Center community.  Theme: Precision Gerontology and Geroscience - enhancing independence in older adults through interventions that are targeted, more precise and more effective by virtue of being guided by the multidimensional heterogeneity of aging.  Domains Addressed: Host defense/Immunology, Cognition/Affect, Mobility/Frailty, and Voiding/Continence.  Expertise areas: applied translational geroscience research (bench, clinical, and population studies); geroscience education; cellular senescence; human	1) Present at Research-in-Progress sessions; 2) Attend didactic seminars; 3) Attend Data Resource Core Data Discussion sessions; 4) Meet with individual faculty, core leaders and context experts at UConn Health, University of Connecticut or Jackson Laboratory for Genomic Medicine in Farmington CT	Longer visits can be personally crafted to meet individual interests and needs. Such experiences can be entirely focused on basic bench science, on human subject research conducted at the UConn Center on Aging, on human subject research conducted in the community or they can entail work with large datasets (e.g. UK Biobank, HRS etc).  Alternatively, given UConn Pepper Center's strengths in translational research spanning from the bench to the bedside, as well as from the institution to the community and health policy, custom-designed experiences in combinations of
Point of Contact: Landon Haller Landon.Haller@ucsf.edu  University of Connecticut Point of Contact: Laura Masi	opportunities by creating a tailored experience containing the following elements:  • Participation in OAIC works in progress conference (featuring the invited investigator as the speaker) • Networking lunch with researchers and faculty • Customized schedules with Geriatrics faculty designed to align with the scholar's research passion. We aim that these conversations evolve to become opportunities for future collaboration with our Pepper Center community.  Theme: Precision Gerontology and Geroscience - enhancing independence in older adults through interventions that are targeted, more precise and more effective by virtue of being guided by the multidimensional heterogeneity of aging. Functional Domains Addressed: Host defense/Immunology, Cognition/Affect, Mobility/Frailty, and Voiding/Continence. Expertise areas: applied translational geroscience research (bench, clinical, and population studies); geroscience education; cellular senescence; humar immunology and immunogenomics; computational genomics;	1) Present at Research-in-Progress sessions; 2) Attend didactic seminars; 3) Attend Data Resource Core Data Discussion sessions; 4) Meet with individual faculty, core leaders and context experts at UConn Health, University of Connecticut or Jackson Laboratory for Genomic Medicine in Farmington CT	Longer visits can be personally crafted to meet individual interests and needs. Such experiences can be entirely focused on basic bench science, on human subject research conducted at the UConn Center on Aging, on human subject research conducted in the community or they can entail work with large datasets (e.g. UK Biobank, HRS etc).  Alternatively, given UConn Pepper Center's strengths in translational research spanning from the bench to the bedside, as well as from the institution to the community and health policy, custom-designed experiences in combinations of settings are also possible.
Point of Contact: Landon Haller Landon.Haller@ucsf.edu  University of Connecticut Point of Contact: Laura Masi	opportunities by creating a tailored experience containing the following elements:  • Participation in OAIC works in progress conference (featuring the invited investigator as the speaker) • Networking lunch with researchers and faculty • Customized schedules with Geriatrics faculty designed to align with the scholar's research passion. We aim that these conversations evolve to become opportunities for future collaboration with our Pepper Center community.  Theme: Precision Gerontology and Geroscience - enhancing independence in older adults through interventions that are targeted, more precise and more effective by virtue of being guided by the multidimensional heterogeneity of aging. Functional Domains Addressed: Host defense/Immunology, Cognition/Affect, Mobility/Frailty, and Voiding/Continence. Expertise areas: applied translational geroscience research (bench, clinical, and population studies); geroscience education; cellular senescence; humar immunology and immunogenomics; computational genomics; microbiome genomics; epidemiology of disability; caregiving research;	1) Present at Research-in-Progress sessions; 2) Attend didactic seminars; 3) Attend Data Resource Core Data Discussion sessions; 4) Meet with individual faculty, core leaders and context experts at UConn Health, University of Connecticut or Jackson Laboratory for Genomic Medicine in Farmington CT	Longer visits can be personally crafted to meet individual interests and needs. Such experiences can be entirely focused on basic bench science, on human subject research conducted at the UConn Center on Aging, on human subject research conducted in the community or they can entail work with large datasets (e.g. UK Biobank, HRS etc).  Alternatively, given UConn Pepper Center's strengths in translational research spanning from the bench to the bedside, as well as from the institution to the community and health policy, custom-designed experiences in combinations of settings are also possible.  In addition to experiences involving UConn OAIC Cores, other institutional cores at
Point of Contact: Landon Haller Landon.Haller@ucsf.edu  University of Connecticut Point of Contact: Laura Masi	opportunities by creating a tailored experience containing the following elements:  • Participation in OAIC works in progress conference (featuring the invited investigator as the speaker) • Networking lunch with researchers and faculty • Customized schedules with Geriatrics faculty designed to align with the scholar's research passion. We aim that these conversations evolve to become opportunities for future collaboration with our Pepper Center community.  Theme: Precision Gerontology and Geroscience - enhancing independence in older adults through interventions that are targeted, more precise and more effective by virtue of being guided by the multidimensional heterogeneity of aging. Functional Domains Addressed: Host defense/Immunology, Cognition/Affect, Mobility/Frailty, and Voiding/Continence. Expertise areas: applied translational geroscience research (bench, clinical, and population studies); geroscience education; cellular senescence; humar immunology and immunogenomics; computational genomics; microbiome genomics; epidemiology of disability; caregiving research; clinical trials and health services research in vulnerable older	1) Present at Research-in-Progress sessions; 2) Attend didactic seminars; 3) Attend Data Resource Core Data Discussion sessions; 4) Meet with individual faculty, core leaders and context experts at UConn Health, University of Connecticut or Jackson Laboratory for Genomic Medicine in Farmington CT	Longer visits can be personally crafted to meet individual interests and needs. Such experiences can be entirely focused on basic bench science, on human subject research conducted at the UConn Center on Aging, on human subject research conducted in the community or they can entail work with large datasets (e.g. UK Biobank, HRS etc).  Alternatively, given UConn Pepper Center's strengths in translational research spanning from the bench to the bedside, as well as from the institution to the community and health policy, custom-designed experiences in combinations of settings are also possible.  In addition to experiences involving UConn OAIC Cores, other institutional cores at UConn Health (e.g. Flow Cytometry) and at Jackson Laboratory for Genomic Medicine
Point of Contact: Landon Haller Landon.Haller@ucsf.edu  University of Connecticut Point of Contact: Laura Masi	opportunities by creating a tailored experience containing the following elements:  • Participation in OAIC works in progress conference (featuring the invited investigator as the speaker) • Networking lunch with researchers and faculty • Customized schedules with Geriatrics faculty designed to align with the scholar's research passion. We aim that these conversations evolve to become opportunities for future collaboration with our Pepper Center community.  Theme: Precision Gerontology and Geroscience - enhancing independence in older adults through interventions that are targeted, more precise and more effective by virtue of being guided by the multidimensional heterogeneity of aging. Functional Domains Addressed: Host defense/Immunology, Cognition/Affect, Mobility/Frailty, and Voiding/Continence. Expertise areas: applied translational geroscience research (bench, clinical, and population studies); geroscience education; cellular senescence; humar immunology and immunogenomics; computational genomics; microbiome genomics; epidemiology of disability; caregiving research; clinical trials and health services research in vulnerable older	1) Present at Research-in-Progress sessions; 2) Attend didactic seminars; 3) Attend Data Resource Core Data Discussion sessions; 4) Meet with individual faculty, core leaders and context experts at UConn Health, University of Connecticut or Jackson Laboratory for Genomic Medicine in Farmington CT	Longer visits can be personally crafted to meet individual interests and needs. Such experiences can be entirely focused on basic bench science, on human subject research conducted at the UConn Center on Aging, on human subject research conducted in the community or they can entail work with large datasets (e.g. UK Biobank, HRS etc).  Alternatively, given UConn Pepper Center's strengths in translational research spanning from the bench to the bedside, as well as from the institution to the community and health policy, custom-designed experiences in combinations of settings are also possible. In addition to experiences involving UConn OAIC Cores, other institutional cores at UConn Health (e.g. Flow Cytometry) and at Jackson Laboratory for Genomic Medicine (e.g. Stem Cell/iPSC Cell Core; SIngle Cell Genomics Facility) have also been of interest

University of Florida	High resolution respirometry	1) Discussions on mitochondrial biology, high-resolution respirometry	N/A
Point of Contact:	Accelerometry	technology, accelerometry, intervention trials, preclinical models of aging,	
Christiaan Leeuwenburgh	Intervention trails	biomarkers	
_			
cleeuwen@ufl.edu	Pre-clinical models of aging	2) Discuss strategies for incorporating smart and connected health technologies	
	Biomarkers	into wearable and mobile devices.	
	Mitochondrial biology	3) Discuss preclinical and clinical strategies for pain assessment	
	Pre-clinical and clinical pain assessments	4) Discuss quantitative pain assessments	
	Quantitative Sensory Testing	5) Discuss ecological momentary pain assessments	
	Connected Health Technologies and mobile devices	6) Discuss movement-evoked pain assessments	
	Connected Health Technologies and mobile devices		
		7) Discuss ways to incorporating ecological momentary assessments to evaluate	
		inherent variability in geriatric symptoms	
		Discuss data mining and machine learning with existing structured data	
		sources and unstructured electronic health records	
		9) Mock review of proposed grant of the early stage investigator	
		10) Recruitment of frail elders	
		1 *	
		11) Clinical researcher mobility	
University of Maryland	The UM-OAIC addresses the process by which function is lost, and the	Day 1 - Visiting scholar presents at a seminar; meet with Center leaders to	N/A
1	I ' '		
Point of Contact:	multiple factors that affect the onset and progression of disability. The	discuss the UM-OAIC and available resources; on-site tour of Physical Therapy	
Anne Sullens	UM-OAIC focuses on the restoration of function (i.e. enablement) in	and Rehabilitation Science laboratory, VA GRECC exercise facility, human	
asullens@som.umaryland.edu	order to improve function in those with impairments, and prevent or	performance and wet laboratories; dinner.	
	delay further progression in those who are already disabled. Specialty	Day 2 - Small group meetings or one-on-one meetings with Pepper Center	
	expertise is available in applied physiology, neuromotor mechanisms	investigators aimed at developing collaborations; participate in a Research	
	and rehabilitation and translation from laboratory to outside settings.	Education Core meeting with other junior faculty members; meeting with REC	
	,	Core leader to discuss career development plan	
		Day 3- Participate in various small working group meetings; observation of	
		research testing; concluding discussions and planning follow ups	
University of Michigan	Immunology, Falls and mobility, infection prevention and multi-drug	1- Participation in our annual Research education core retreat. This usually	1- Wet-lab experience in various labs with Pis who are core faculty of our Pepper
Point of Contact:	resistant organisms, organizational interventions to enhance safety of	occurs in May.	Center
Ryan McCleery	older adults, Health and Retirement study, biology of aging,	2- Visiting scholar opportunities particularly around our Biogerontology	2- Participation in our REC and Aging Seminar series
rmccleer@med.umich.edu	biomechanics of gain, urinary incontinence, brain health	/Geriatrics Research day.	3- one-on-one meetings with our resource core directors for advice on projects
	, , , , , , , , , , , , , , , , , , , ,	3- Participation and presenting at our Aging Research Seminars	4- grantsmanship
		article patient and presenting at our riging research seminars	grantsmansmp
University of Pittsburgh	Mobility and balance, brain aging and mobility, osteoporosis and falls,	Day 1 - Pepper seminar and pepper scholars activities including presentation of	Muscle and fat biopsy and tissue studies. P31 MRS of muscle. Near Infrared
Point of Contact:	healthy aging biomarkers, muscle aging	work in progress, meetings with colleagues, participation in regular study	Spectroscopy on muscle, actigraphy, performance testing including treadmill for
Bari Guzikowski			
	7		
		meetings	peak VO2, isometric and isotonic strength testing, power assessment. Brain imaging
bmg96@pitt.edu		meetings Day 2- Observe research activities such as mobile assessment; brain imaging,	peak VO2, isometric and isotonic strength testing, power assessment. Brain imaging including dopamine PET, PIB, volumetrics DXA bone density and pQCT Long term care
		meetings Day 2- Observe research activities such as mobile assessment; brain imaging, muscle spectroscopy, biopsy, respirometry, Novel brain imaging, densitometry	peak VO2, isometric and isotonic strength testing, power assessment. Brain imaging
		meetings Day 2- Observe research activities such as mobile assessment; brain imaging,	peak VO2, isometric and isotonic strength testing, power assessment. Brain imaging including dopamine PET, PIB, volumetrics DXA bone density and pQCT Long term care
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	Translational Geroscience, Pharmacological interventions to promote	meetings Day 2- Observe research activities such as mobile assessment; brain imaging, muscle spectroscopy, biopsy, respirometry, Novel brain imaging, densitometry and high-resolution pQCT. Day 3 – Participate in working group meeting (brain, muscle, Bone, Long term	peak VO2, isometric and isotonic strength testing, power assessment. Brain imaging including dopamine PET, PIB, volumetrics DXA bone density and pQCT Long term care
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bmg96@pitt.edu  UTHCSA Point of Contact:	Translational Geroscience, Pharmacological interventions to promote healthy aging, Exercise interventions to promote healthy aging, Novel	meetings Day 2- Observe research activities such as mobile assessment; brain imaging, muscle spectroscopy, biopsy, respirometry, Novel brain imaging, densitometry and high-resolution pQCT. Day 3 – Participate in working group meeting (brain, muscle, Bone, Long term care.), mentorship meetings with core faculty, analysis consultation  1) Learn basic principles on Translational Geroscience, including Pharmacological approaches to promote healthy aging	peak VO2, isometric and isotonic strength testing, power assessment. Brain imaging including dopamine PET, PIB, volumetrics DXA bone density and pQCT Long term care research, mobile assessments  1) Learn Advanced concepts on Translational Geroscience, including Pharmacological approaches to promote healthy aging
bmg96@pitt.edu  UTHCSA Point of Contact: Maggie Liang	Translational Geroscience, Pharmacological interventions to promote healthy aging, Exercise interventions to promote healthy aging, Novel pre-clinical models in Translational Geroscience such as the marmoset	meetings Day 2- Observe research activities such as mobile assessment; brain imaging, muscle spectroscopy, biopsy, respirometry, Novel brain imaging, densitometry and high-resolution pQCT. Day 3 – Participate in working group meeting (brain, muscle, Bone, Long term care.), mentorship meetings with core faculty, analysis consultation  1) Learn basic principles on Translational Geroscience, including Pharmacological approaches to promote healthy aging 2) Observe advance metabolic techniques related to aging Research	peak VO2, isometric and isotonic strength testing, power assessment. Brain imaging including dopamine PET, PIB, volumetrics DXA bone density and pQCT Long term care research, mobile assessments  1) Learn Advanced concepts on Translational Geroscience, including Pharmacological approaches to promote healthy aging 2) Familiarize with the marmoset as a Novel model in Translational Geroscience and
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UTMB	Foci: Aging in Hispanic populations, coparative effectivenenss research	Day 1 - Meet with individual faculty members, attend Translational Research in	Attend working groups meetings, such as the Mexican Health and Aging Study
Point of Contact:		Aging seminar; dinner.	(MHAS), the Hispanic Epidemiologic Study of Aging, and the Research Center for
Stephanie Burt	, , ,	Day 2 - Working conversations with key faculty aimed at developing	Minority Aging Research work-in-progress meetings. For scholars using large data and
Stburt@utmb.edu		collaborations.	research interests on health disparities, receive feedback on work-in-progress, or
		Day 3 - Meet with individual faculty members; give Pepper Investigators	research proposal(s) on Hispanic and Mexican aging.
		Lecture.	Discuss best practices for recruiting and retaining Hispanic participants in clinical trials
			or survey research.
			Meet with Hispanic aging scholars and mentors to share experiences and potential
			barriers for career advancement and promotion.
			·
Wake Forest School of Medicine	Clinical trials, weight loss and/or exercise interventions, obesity, muscle	Day 1 - Brief one-on-one meetings with relevant faculty; participate in REC	1) Work on a manuscript with the biostatistics core and key faculty using one of the
Point of Contact:	and adipose tissue biology, assessment of physical function, biostatistics	writing workshop; tour research facilities	many clinical trials/observational data sets housed at Wake Forest
Kimberly Kennedy	of aging	Day 2 - Give seminar; Longer, working meetings with key faculty aimed at	2) Observe one of the ongoing weight loss and exercise clinical trials including study
kkennedy@wakehealth.edu		developing collaborations	visits and/or intervention sessions
		Day 3 - Concluding discussions with key faculty to discuss next steps	3) Observe and assist with the muscle and/or adipose tissue biopsy technique in older
			adults with multiple comorbidities and levels of physical function
			4) Observe and learn about assays of mitochondria respiration
			5) Observe and learn how to conduct biomarker assays and analyze biomarker data
Yale University	Multi-morbidity; functional assessment; complex medical decision-	Exchange scholar presents at a research-in-progress session.	Two types of experiences:
Point of Contact:	making; biology of aging. Expertise areas: epidemiology of aging,	2) Participation in REC didactic seminar;	1) Identify a product goal (e.g. set of analyses, manuscript, grant) and resources to
Mary Geda	gerontologic biostatistics, including complex longitudinal modeling and	3) One-on-one or small group meetings with potential mentor(s) and/or	help in accomplishing that goal; bi-weekly meetings with collaborators, mentors,
Mary.geda@yale.edu	competing outcomes, multi-site clinical trials	collaborator(s).	and/or resource core members.
		4) One-on-one or small group meetings with resource core directors for project	2) Immersive experience in one of the large ongoing observational or trial studies with
		consultation.	bi-weekly meetings with primary investigator to learn about all phases of study
			conduct, workings of an interdisciplinary team, allocation of resources and to explore
			potential for secondary analyses to be conducted by exchange scholar.