

Curriculum Vitae

Olivio J. Clay

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Education

University of Alabama at Birmingham, May 1998, B.S. Psychology
University of Alabama at Birmingham, December 2003, M.A. Psychology, Gerontology Certificate
University of Alabama at Birmingham, August 2007, Ph.D. Psychology (Lifespan Development)

Positions and Employment

1997-1998 Volunteer, School of Social and Behavioral Sciences, Dept of Psychology, UAB
1998-1999 Research Assistant, School of Social and Behavioral Sciences, Dept of Psychology, UAB
1999-2005 Statistical Analyst, UAB Center for Research in Applied Gerontology, an Edward R. Roybal Center and UAB Department of Biostatistics
2005-2007 Program Manager, UAB Department of Biostatistics
2007-2013 Assistant Professor, UAB College of Arts and Sciences, Department of Psychology
2013-present Associate Professor (with tenure), UAB College of Arts and Sciences, Department of Psychology

Honors

1998 Cum Laude graduate in Psychology, UAB
2001 Accepted to Lifespan Development Doctoral Program, UAB
2001 Doctoral Leadership Development Award from AARP Andrus Foundation
2002 APA Minority Fellowship Program's Summer Institute on Aging (MANIP)
2002 AARP Andrus Foundation Graduate Scholarship (1 Year)
2003 Ford Foundation Pre-doctoral Minority Fellowship
2003 NIA Technical Assistance Workshop at annual Gerontological Society of America meeting
2004 Winner UAB Center for Aging, Pre-Doctoral Poster Competition (Social and Behavioral Sciences)
2005-2006 Outstanding Graduate Student of the Year in Developmental Psychology, UAB
2005-2006 Department of Psychology Outstanding Graduate Student of the Year, UAB
2006 Excellence in Research Dean's Research Award, UAB
2008-2009 Health Disparities Research Training Program, Minority Health & Health Disparities Research Center, UAB (Deep South RCMAR scholar)
2013-2016 Behavioral and Social Sciences Representative to the Gerontological Society of America, Minority Issues in Gerontology Committee
2015 Fellow - Gerontological Society of America

Research Interests

Racial/ethnic health disparities within older adults, Caregiving, Social Support, Multimorbidity, Diabetes, Advanced statistical methods, Mobility and cognition in older adults

Courses Taught

PY 214 Elementary Statistical Methods and Design (Fall 2004, Spring 2008, Spring 2013, Summer 2014)
 PY 216 Elementary Statistical Methods and Design (Spring 2015, Fall 2016, Spring 2018)
 PY 315 Methods in Psychological Research (Spring 2008, Fall 2008, Spring 2009, Spring 2010, Spring 2011, Summer 2011, Spring 2012, Spring 2013, Summer 2013, Spring 2014 (2), Summer 2014, Fall 2014, Spring 2015, Fall 2015)
 PY 316 Methods in Psychological Research (Summer 2015, Spring 2016, Summer 2016, Summer 2017)
 PY 716 Introduction to Graduate Statistics (Fall 2011, Fall 2012, Fall 2014, Fall 2015, Fall 2016, Fall 2017)

Service

Professional

2013-2016 Behavioral and Social Sciences Representative to the Gerontological Society of America
 Committee on Minority Issues in Gerontology
 2015-2017 Associate Editor Ethnicity and Health
 2016-2019 Editorial Board Member Journal of Aging and Health

<i>Ad-hoc Reviewer</i>	Journal of Epidemiology and Community Health	Journal of Clinical Psychiatry
	Ethnicity and Health	Perceptual and Motor Skills
	International Psychogeriatrics	The Gerontologist
	European Journal of Cognitive Psychology	Journal of Aging and Health
	Journal of Applied Gerontology	Gerontology and Geriatric Medicine
	Annals of Behavioral Medicine	American Journal of Men's Health
American Journal of Hypertension	Ethnicity & Disease	

Departmental and College, University of Alabama at Birmingham

Student Committee Service		
Undergraduate Honor's Thesis Committees	Student Name	Program / University / Year Defended
	Jaspreet Kaur*	Psychology Honors / UAB / 2010
	Camille Holcomb*	Psychology Honors / UAB / 2010
	Jamaal Little*	Psychology Honors / UAB / 2014
	Kim Krubinski	STH / UAB / 2015
	Deidra Atchinson*	Biomedical Engineering / UAB / 2015

Notes: * Denotes Chair of Committee; ** Denotes Co-chair of Committee

Student Committee Service		
Master's Thesis Committees	Student Name	Program / University / Completion
	Andrea Sartori	MedPsych / UAB / 2010
	Bridgett Hill Kennedy	LDPP / UAB / 2010
	LaRita Jones*	LDPP / UAB / 2012
	Deborah Ejem	Medical Sociology / UAB / 2012
	Jaspreet Kaur	LDPP / UAB / 2013
	Jesse Passler	MedPsych / UAB / 2014
	Hailey Bulls	MedPsych / UAB / 2014
	Samantha Henry	MedPsych / UAB / 2016
	Tyler R. Bell**	LDPP / UAB / 2016
	Sarah Caitlin Terry	MedPsych/ UAB / - - -
	Wesley Browning*	LDPP / UAB / - - -
Dissertation Committees	Student Name	Program / University
	Janice Marceaux	MedPsych / UAB / 2010
	Bridgett Hill Kennedy**	LDPP / UAB / 2011
	Trista Perez	MedPsych / UAB / 2011
	Katherine Byington	MedPsych / UAB / 2011
	Katherine Walker	MedPsych / UAB / 2011
	Andrea Sartori	MedPsych / UAB / 2013
	Patricia Barreto	MedPsych / UAB / 2013
	Lindsay Sutton	LDPP / UAB / 2013
	LaRita Jones*	LDPP / UAB / 2014
	Matthew Herbert	MedPsych / UAB / 2014
	Deborah Ejem	Medical Sociology / UAB / 2014
	Hailey Bulls	MedPsych / UAB / 2016
	Anjali Gowda	MedPsych / UAB / 2016
	Erica Schmidt	MedPsych / UAB / 2016
	Anthony Gardner	Education / Alabama State / 2016
	Jesse Passler	MedPsych / UAB / 2017
	Jilian O'Neill	MedPsych / UAB / 2017
	Josh Muhammad	Nutrition Sciences/ UAB / - - -
	Lindsay Niccolai	MedPsych / UAB / - -
	Amber M. Fahey	MedPsych / UAB / - -
	Sarah Rutland	Medical Sociology / UAB / - -
	Doris Pu	MedPsych / UAB / - -
	William C. Nicholson	Nursing / UAB / - -

Notes: * Denotes Chair of Committee; ** Denotes Co-chair of Committee

2007

Led UAB Systems Neuroscience Journal Club

Article Discussed: Testing Effective Connectivity Changes with Structural Equation Modeling: What Does a Bad Model Tell Us? By Andrea B. Protzner and Anthony R. McIntosh, Human Brain Mapping 27: 935-947, 2006.

Brief Description: This will be an overview/review of the powerful technique of structured equation modeling, which has become used with increasing frequency in the fMRI field but can be

- applied to other sources of data as well. There will also be a discussion of how this technique differs from related ones such as dynamic Causal Modeling (DCM).
- 2007 Guest lecturer for PY 739 - Seminar Contemporary Issues in Clinical Medical Psychology
- 2007-2008 National Science Foundation (NSF) Alabama Graduate Education for the Professoriate (AGEP) and Alabama Louis Stokes Alliance for Minority Participation (LSAMP) Graduate School Fair. This event is held at the Hill University Center and over 250 undergraduate students from Historically Black Colleges and Universities in Alabama attend.
- 2008 Panelist at the Blazer Male Excellence Network (B-Men) Career Exploration Program. B-MEN began Fall 2007 with 25 freshman students and 25 upper classmen who served as mentors. B-MEN was designed to provide enhanced programs and strategies for the academic success of African American males. The program states: only 200 African American male students were admitted to UAB as undergraduate students for Fall 2007, African American males at UAB have the lowest six year graduation rate (27.1%), and approximately 24% of African American males do not return for their sophomore year.
The Career Exploration Program featured African American males with a variety of careers including academia, engineering, business, television and broadcasting, etc... Each panelist provided an overview of his profession and the course he took to achieve his current status. Afterwards the students were able to ask questions in a group setting, as well as, one-on one with the panelists.
- 2008 Stillman College Alumni Healthcare Symposium (presentation to students at Stillman College, a historically Black university, to promote advanced degrees in Psychology and the opportunities offered at the University of Alabama at Birmingham
- 2008 Department of Psychology representative at a reception for prospective scholarship students held at The Club in Homewood, AL. Attendees were high school seniors who had been awarded UAB scholarships for Fall 2008. They had also been awarded scholarships by many other universities across the country and few had made definite decisions. In the past, this event has converted many of those "maybe" students to "yes" students.
- 2008-2009 Department of Psychology Colloquium Series committee
- 2008-current Admissions committee, Lifespan Developmental Psychology doctoral Program
- 2008-current Scientist, UAB Comprehensive Center for Healthy Aging
- 2008-current Scientist, UAB Comprehensive Diabetes Center
- 2009-2017 Faculty Advisor for the NAACP at UAB (student organization)
- 2009 Department of Psychology Workload/Incentive Committee
- 2010 Department of Epidemiology Distinguished Lecturer Series, presentation title, "Correlates of Health-Related Quality of Life in a National Sample of Stroke Caregivers"
- 2010-2012 Admissions committee, Medical Psychology doctoral Program
- 2010-current Associate Scientist, UAB Minority Health and Health Disparities Research Center
- 2010-2015 UAB Lecture Series Committee
- 2011 Reviewer Deep South RCMAR Pilot Grant Awards
- 2011-2012 Ecologist search committee (Department of Biology). Each committee member read approximately 175 applications and ranked them. Members read additional letters of recommendation from the top 35 candidates and ranked them again for phone interviews. Committee members also met with candidates who were brought in for visits.
- 2012 Mentored undergraduate student Arcacia Butler for Deep South Resource Center for Minority Aging Research (RCMAR) Summer Enrichment Program
- 2012-current Scholar, Center for Clinical and Translational Science (CCTS)

- 2012-current Course Master PY 315/316 Research Methods
- 2012-2015 Scholar Advisory Group, Deep South Resource Center for Minority Aging Research (RCMAR)
- 2013-2014 Faculty mentor for Cathy Scott, PhD University of Tennessee, Chattanooga (Faculty Scholars Program Mentoring Experience, UAB Geriatric Education Center)
- 2014-current Scientist, UAB Comprehensive Neuroscience Center
- 2015-2016 Co-chair - Scholar Advisory Group, Deep South RCMAR
- 2016-current Chair - Scholar Advisory Group, Deep South RCMAR
- 2016-current School of Nursing Promotion and Tenure Committee
- 2016-current Scientist, UAB Alzheimer's Disease Center
- 2016-2017 Faculty Mentor for Sola Popoola, PhD Tuskegee University (Deep South RCMAR Health Disparities Research Training Program)
- 2017-current Executive Committee, UAB Department of Psychology

Community

- 2001-current Birmingham Sickle Cell Walk-a-thon. Sickle Cell is a disease predominantly seen in African Americans. I have family members and friends who either have the disease or carry the trait. My wife carries the trait and her father has the disease. My interest in this topic led to collaboration with Dr. Joseph Telfair, previously of the UAB School of Public Health, where we examined the properties of an instrument used to assess self-efficacy in adolescents with Sickle Cell Disease.
- 2009 - current Birmingham Diabetes Association Walk-a-thon
- 2011 Recorded 3 segments for the Guster Radio Show. Eric Guster is an attorney in Birmingham, AL who has a radio show on 610 AM WAGG with a majority African American audience. His show has topics that vary from health and fitness to finance. The topics of the 3 segments were Diabetes, Alzheimer's Caregiving, and African Americans in Graduate School.
- 2017 Alzheimer's of Central Alabama Annual Conference October 17th. Presenter and panelist in session titled, "Alzheimer's Research Report: The latest from UAB on Treatment, Care, and Cure"
- 2017 Alzheimer's of Central Alabama Walk to Remember November 4th
- 2017 Interviewed for Birmingham Times article titled, "UAB doctors focus on disparities among Alzheimer's patients"

Peer Reviewed Manuscripts

- 1.) Roth, D.L., Stewart, K.E., **Clay, O.J.**, van der Straten, A., Karita, E., & Allen, S. (2001). Sexual practices of HIV discordant and concordant couples in Rwanda: Effects of a testing and counseling program for men. International Journal of STD & AIDS, *12*, 181-188.
- 2.) Roth, D. L., Haley, W. E., Owen, J. E., **Clay, O. J.**, & Goode, K. T. (2001). Latent growth models of the longitudinal effects of dementia caregiving: A comparison of African American and White family caregivers. Psychology and Aging, *16*, 427-436.
- 3.) Owen, J. E., Roth, D. L., Stevens, A. B., McCarty, H. J., **Clay, O. J.**, Wadley, V. G., Goode, K. T., & Haley, W. E. (2002). Association of life events and psychological distress in family caregivers of dementia patients. Aging & Mental Health, *6*, 62-71.
- 4.) Roth, D.L., Goode, K.T., **Clay, O.J.**, & Ball, K. (2003). Association of Physical Activity and Visual Attention in Older Adults. Journal of Aging and Health, *15*(3), 534-547.

- 5.) Jang, Y., **Clay, O.J.**, Roth, D.L., Haley, W.E., & Mittelman, M.S. (2004). Neuroticism and Longitudinal Change in Caregiver Depression: Impact of a Spouse-Caregiver Intervention Program. The Gerontologist, 44(3), 311-317.
- 6.) Stevens, A.B., Owen, J.E., Roth, D.L., **Clay, O.J.**, Bartolucci, A. & Haley, W.E. (2004). Predictors of Time to Nursing Home Placement in White and African American Individuals with Dementia. Journal of Aging and Health, 16(3), 375-397.
- 7.) Wood, K.M., Edwards, J.D., **Clay, O.J.**, Wadley, V.G., Roenker, D.L., & Ball, K.K. (2005). Sensory and cognitive factors influencing functional ability in older adults. Gerontology, 51, 131-141.
- 8.) **Clay, O.J.**, Wadley, V.G., Edwards, J.D., Roth, D.L., Roenker, D.L., & Ball, K.K. (2005). Cumulative Meta-Analysis of the Relationship between Useful Field of View and Driving Performance in Older Adults: Current and Future Implications. Optometry & Vision Science, 82(8), 724-731.
- 9.) Roth, D.L., Mittelman, M.S., **Clay, O.J.**, Madan, A., & Haley, W. E. (2005). Changes in Social Support as Mediators of the Impact of a Psychosocial Intervention for Spouse Caregivers of Persons with Alzheimer's Disease. Psychology and Aging, 20(4), 634-644.
- 10.) Drentea, P., **Clay, O.J.**, Roth, D.L. & Mittelman, M.S. (2006). Predictors of Improvement in Satisfaction with Social Support. Five-Year Effects of a Structured Intervention for Caregivers of Spouses with Alzheimer's Disease. Social Science & Medicine, 63(4), 957-967.
- 11.) Edwards, J.D., Ross, L.A., Wadley, V.G., **Clay, O.J.**, Crowe, M.G., Roenker, D.L. & Karlene K. Ball. (2006). The Useful Field of View Test: Normative Data for Older Adults. Archives of Clinical Neuropsychology, 21(4), 275-286.
- 12.) Williams, C.J., Shuster, J.L., **Clay, O.J.**, & Burgio, K.L. (2006). Interest in Research Participation among Hospice Patients, Caregivers and Ambulatory Senior Citizens: Practical Barriers or Ethical Constraints? Journal of Palliative Medicine, 9(4), 968-974.
- 13.) Mittelman, M.S., Haley, W.E., **Clay, O.J.**, & Roth, D.L. (2006). Improving caregiver well-being delays nursing home placement of patients with Alzheimer's disease. Neurology, 67, 1592-1599.
- 14.) **Clay, O.J.** & Telfair, J. (2007). Evaluation of a Disease-Specific Self-Efficacy Instrument in Adolescents with Sickle Cell Disease and Its Relationship to Adjustment. Child Neuropsychology, 13(2), 188-203.
- 15.) Mittelman, M.S., Roth, D.L., **Clay, O.J.**, & Haley, W.E. (2007). Preserving Health of Alzheimer's Caregivers: Impact of a Spouse Caregiver Intervention. American Journal of Geriatric Psychiatry, 15, 780-789.
- 16.) Lester, K.M., Milby, J.B., Schumacher, J.E., Vuchinich, R., Person, S., & **Clay, O.J.** (2007). Impact of behavioral contingency management intervention on coping behaviors and PTSD symptom reduction in cocaine addicted homeless. Journal of Traumatic Stress, 20, 565-575.

- 17.) Roth, D.L., Haley, W.E., Wadley, V.G., **Clay, O.J.**, & Howard, G. (2007). Race and Gender Differences in Perceived Caregiver Availability for Community-Dwelling Middle-Aged and Older Adults. The Gerontologist, 47(6), 721-729.
- 18.) Crowe, M., **Clay, O.J.**, Sawyer, P., Crowther, M.R., Allman, R.M. (2008). Education and Reading Ability in Relation to Differences in Cognitive Screening. International Journal of Geriatric Psychiatry 23, 222-223.
- 19.) **Clay, O.J.**, Roth, D.L., Wadley, V.G., & Haley, W.E. (2008). Changes in Social Support and their Impact on Psychosocial Outcome over a 5-Year Period for African American and White Dementia Caregivers. International Journal of Geriatric Psychiatry, 23, 857-862.
- 20.) *Ross, L.A., **Clay, O.J.**, Edwards, J.D., Ball, K.K., Wadley, V.G., Vance, D.E., Cissell, G.M., Roenker, D.L., & Joyce, J.J. (2009). Do older drivers at-risk for crashes modify their driving over time? Journals of Gerontology: Psychological Sciences, 64B, 163-170.
- 21.) **Clay, O.J.**, Edwards, J.D., Ross, L.A., Okonkwo, O., Wadley, V.G., Roth, D.L., & Ball, K.K. (2009). Visual function and cognitive speed of processing mediate age-related decline in memory span and fluid intelligence. Journal of Aging & Health, 21, 547-566.
- 22.) Haley, W.E., Allen, J.Y., Grant, J.S., **Clay, O.J.**, Perkins, M., & Roth, D.L. (2009). Problems and Benefits Reported by Stroke Family Caregivers: Results from a Prospective Epidemiological Study. Stroke, 40, 2129-2133.
- 23.) Kvale, E.A., **Clay, O.J.**, Ross, L.A., McGee, J.S., Edwards, J.D. Unverzagt, F.W., Ritchie, C.S., & Ball, K.K. (2010). Cognitive speed of processing and functional declines in older cancer survivors: An analysis of data from the ACTIVE trial. European Journal of Cancer Care, 19, 110-117.
- 24.) Szychowski, J.M., Roth, D.L., **Clay, O.J.**, & Mittelman, M.S. (2010). Patient Death as a Censoring Event or Competing Risk Event in Models of Nursing Home Placement. Statistics in Medicine, 29(3), 371-381.
- 25.) Crowe, M., Sartori, A., **Clay, O. J.**, Wadley, V. G., Andel, R., Wang, H. -X., Sawyer, P., & Allman, R. (2010). Diabetes and cognitive decline: Investigating the potential influence of factors related to health disparities. Journal of Aging and Health, 22, 292-306.
- 26.) Goode, P. S., Burgio, K. L., Johnson, T. M., **Clay, O. J.**, Roth, D. L., Markland, A. D., Burkhardt, J. H., Issa, M. M., Lloyd, L. K. (2011). Behavioral therapy with or without biofeedback and pelvic floor electrical stimulation for persistent postprostatectomy incontinence – A randomized controlled trial. Journal of the American Medical Association, 305(2), 151-159.
- 27.) Roth, D. L., Haley, W. E., **Clay, O. J.**, Perkins, M., Grant, J. S., Rhodes, J. D., Wadley, V. G., Kissela, B., & Howard, G. (2011). Race and gender differences in one-year stroke outcomes for community-dwelling stroke survivors with family caregivers. Stroke, 42, 626-631.
- 28.) Makhija, S.K., Gilbert, G. H., **Clay, O. J.**, Matthews, J. C., Sawyer, P., & Allman, R. M. (2011). Oral health-related quality of life and life space mobility in community-dwelling older adults. Journal of the American Geriatric Society, 59, 512-518.

- 29.) **Clay, O. J.**, Roth, D. L., Safford, M. M., Sawyer, P. L., & Allman, R. M. (2011). Predictors of overnight hospital admission in older African American and Caucasian Medicare beneficiaries. Journals of Gerontology: Medical Sciences, *66*, 910-916.
- 30.) Thorpe, R. J. Jr., **Clay, O. J.**, Szanton, S. L., Altaire, J. & Whitfield, K. (2011). Correlates of mobility limitation in African Americans. Journals of Gerontology: Medical Sciences, *66*, 1258-1263.
- 31.) Boyle-Walker, M., Semes, L. P., **Clay, O. J.**, Liu, L., & Fuhr, P. (2011). Sleep apnea syndrome represents a risk for glaucoma in veterans' affairs population. ISRN Ophthalmology, Article ID 920767, 5 pages.
- 32.) Sartori, A. C., Wadley, V. G., **Clay, O. J.**, Parisi, J. M., Rebok, G. W., & Crowe, M. (2012). The relationship between cognitive function and life space: The potential role of personal control beliefs. Psychology and Aging, *27*, 364-374.
- 33.) Thrasher, A. D., **Clay, O. J.**, Ford, C. L., & Stewart, A. L. (2012). Theory-guided selection of discrimination measures for racial/ethnic health disparities research among older adults. Journal of Aging & Health, *24*, 1018-1043.
- 34.) Crowe, M., **Clay, O. J.**, Martin, R., Howard, V., Wadley, V., Sawyer, P., Allman, R. M. (2013). Indicators of childhood quality of education in relation to cognitive function in older adulthood. Journals of Gerontology: Medical Sciences, *68*, 198-204.
- 35.) Grant, J. S., **Clay, O. J.**, Keltner, N. L., Haley, W. E., Wadley, V. G., Perkins, M. M., & Roth, D. L. (2013). Does caregiver well-being predict stroke survivor depressive symptoms? A mediation analysis. Topics in Stroke Rehabilitation, *20*, 44-51.
- 36.) **Clay, O. J.**, Grant, J. S., Wadley, V. G., Perkins, M. M., Haley, W. E., & Roth, D. L. (2013). Correlates of health-related quality of life in African American and Caucasian stroke caregivers. Rehabilitation Psychology, *58*, 28-35.
- 37.) Thorpe, Jr. R. J., Wilson-Frederick, S., Bowie, J. V., Coa, K., **Clay O. J.**, LaVeist, T. A., & Whitfield, K. E. (2013). Health behaviors and all-cause mortality in African American men. American Journal of Men's Health, *7*, 8S-18S.
- 38.) Ford, C. D., Sawyer, P., Parmelee, P., **Clay, O. J.**, Crowther, M., & Allman, R. M. (2014). Race and sex differences in correlates of systolic blood pressure in community-dwelling older adults. Journal of Health Disparities Research and Practice, *7(5)*, 32-50.
- 39.) *Ejem, D. B., Drentea, P., & **Clay, O. J.** (2015). The effects of caregiver emotional stress on the depressive symptomatology of the care recipient. Aging and Mental Health, *19(1)*, 55-62.
- 40.) Haley, W. E., Roth, D. L., Hovater, M., & **Clay, O. J.** (2015). Long-term impact of stroke on family caregiver well-being: A population based case-control study. Neurology, *84*, 1323-1329.
- 41.) Dulin-Keita, A., **Clay, O. J.**, Whittaker, S., Hannon, L., Adams, I., Rogers, M., & Gans, K. (2015). The influence of HOPE VI neighborhood revitalization on neighborhood-based physical activity: A mixed methods approach. Social Science & Medicine, *139*, 90-99.

- 42.) **Clay, O. J.**, Thorpe Jr., R. J., Wilkinson, L. L., Plaisance, E. P., Crowe, M., Sawyer, P., & Brown, C. J. (2015). An examination of lower extremity function and its correlates in older African American and White men. *Ethnicity & Disease*, *25*, 271-278.
- 43.) McCaskill, G. M., Sawyer, P., Burgio, K. L., Kennedy, R., Williams, C., **Clay, O. J.**, Brown, C. J., & Allman, R. M. (2015). The impact of veteran status on life-space mobility among older Black and White men in the Deep South. *Ethnicity & Disease*, *25*, 255-262.
- 44.) Bowen, P. G., **Clay, O. J.**, Lee, L. T., Vice, J., Ovalle, F., & Crowe, M. (2015). Associations of social support and self-efficacy with quality of life in a sample of older adults with diabetes. *Journal of Gerontological Nursing*, *41*, 21-29.
- 45.) *Jones, L. C., **Clay, O. J.**, Ovalle, F., Cherrington, A., & Crowe, M. (2016). Correlates of depressive symptoms in older adults with diabetes. *Journal of Diabetes Research*, Article ID 8702730, 8 pages.
- 46.) *Passler, J. S., **Clay, O. J.**, Wadley, V., Ovalle, F. & Crowe, M. (2016). Stroke symptoms with absence of recognized stroke are associated with cognitive impairment and depressive symptoms in older adults with diabetes. *Journal of Geriatric Psychiatry and Neurology*, *29*, 142-148.
- 47.) Dulin-Keita, A., Hannon, L., Buys, D., Casazza, K., & **Clay, O. J.** (2016). Surrounding community residents' expectations of HOPE VI for their community, health and physical activity. *Journal of Community Practice*, *24*, 18-37.
- 48.) Helms, C. B., Turan, J. M., Atkins, G., Kempf, M., **Clay, O. J.**, Raper, J. L., Mugavero, M. J., and Turan, B. (2017). Interpersonal Mechanisms Contributing to the Association between HIV-Related Internalized Stigma and Medication Adherence. *AIDS & Behavior*, *21*, 238 - 247.
- 49.) Bowen, P., Lee, L., Martin, M., **Clay, O. J.** (2017). Depression and physical functioning among older Americans with diabetes: NHANES 2009-2010. *Journal of the American Association of Nurse Practitioners*, *29*, 70 - 76.
- 50.) Bell, T., Dávila, A. L., **Clay, O. J.**, Markides, K. S., Andel, R., & Crowe, M. (2017). The association between cognitive decline and incident depressive symptoms in a sample of older Puerto Ricans with diabetes. *International Psychogeriatrics*, *29*, 1317 - 1325.
- 51.) O'Neill, J. A., Cox, M. K., **Clay, O. J.**, Johnston, Jr., J. M., Novack, T. A., Schwebel, D. C., Dreer, L. E., (2017). Pediatric concussion rehabilitation and Return-to-Learn (RTL): A systematic review of the literature. *Rehabilitation Psychology*, *62*, 300-323.
- 52.) Baker, T., **Clay O. J.**, Johnson-Lawrence, V., Minahan, J., Mingo, C., Thorpe, R., Ovalle, F., & Crowe, M. (2017). Association of multiple chronic conditions and pain among older Black and White adults with diabetes mellitus. *BMC Geriatrics*, *17*(255), <https://doi.org/10.1186/s12877-017-0652-8>.
- 53.) **Clay, O. J.**, Perkins, M., Wallace, G., Crowe, M., Sawyer, P., Brown, C. J. (2018). Associations of multimorbid medical conditions and health-related quality of life among older African American men. *The Journals of Gerontology, Series B: Psychological Sciences*, *73*(2), 258-266.

- 54.) Merlin, J., Westfall, A. O., Johnson, M. O., Kerns, R., Bair, M., Kertesz, S., Turan, J., **Clay, O., J.**, Starrels, J., & Kilgore, M. (2018). Preliminary cost-effectiveness of a chronic pain intervention for people living with HIV (PLWH). Journal of Medical Economics, 21, 122-126.
- 55.) Williams, I., **Clay, O. J.**, Atkinson, D., Ovalle, F., & Crowe, M. (2018; online ahead of print). The role of perceived discrimination and other psychosocial factors in explaining diabetes distress among older African American and White adults. Journal of Applied Gerontology.
- 56.) Merlin, J. S., Westfall, A. O., Long, D. M., Davies, S., Saag, M., Demonte, W., Young, S., Kerns, R. D., Bair, M. J., Kertesz, S., Turan, J. M., Kilgore, M., **Clay, O. J.**, Starrels, J., Pekmezi, D., & Johnson, M. O. (2018; online ahead of print). A randomized pilot trial of a novel behavioral intervention for chronic pain tailored to individuals with HIV. AIDS and Behavior.
- 57.) *Bell, T., Trost, Z., Buelow, M., **Clay, O.J.**, Younger, J., Moore, D., & Crowe, M. (in press). Meta-analysis of cognitive performance in fibromyalgia. Journal of Clinical and Experimental Neuropsychology.

***First Author was a graduate student or post-doc at time of publication. Dr. Clay: mentored or co-mentored student, Dr. Clay's data was used for manuscript with significant supervision, or Dr. Clay supervised student analyses and interpretation of findings for manuscript with data from another source.**

**** Manuscript received the Association for Community Organization and Social Administration's (ACOSA) 2017 Marie Weil Award from the Journal of Community Practice. This award recognizes outstanding scholarship published in the *Journal of Community Practice* for the year 2016. The winning article is chosen based on various criteria including contribution to the field, scholarly approach, and promotion of macro practice values. The publisher of the *Journal of Community Practice*, Taylor and Francis, co-sponsors this award.**

Manuscripts under review

- McCaskill, G. M., **Clay, O. J.**, Li, P., Kennedy, R. E., Burgio, K. L., & Brown, C. J. (revised and resubmitted). UAB Study of Aging: Kilocalorie expenditure and all-cause mortality in older men. Journal of Aging and Physical Activity.
- McCaskill, G. M., Bowen, P. G., Burgio, K. L., Leeper, J., & **Clay, O. J.** (under review). The influence of diabetes-related support on aerobic activity among older African Americans with Type 2 diabetes. Journal of Health Disparities Research and Practice.
- Passler, J. S., Kennedy, R. E., Crowe, M., **Clay, O. J.**, Howard, V. J., Cushman, M., Unverzagt, F. W., & Wadley, V. G. (under review). The relationship of cognitive change over time to the self-reported AD8 in a general population. Neurology.
- Merlin, J., Young, S., Johnson, M., Saag, M., Demonte, W., Kerns, R., Bair, M., Kertesz, S., Turan, J., Kilgore, M., **Clay, O., J.**, Pekmezi, D., & Davies, S. (under review). Intervention mapping to develop a Social Cognitive Theory-based intervention for chronic pain tailored to individuals with HIV. Contemporary Clinical Trials Communications.

Bowen, P. G., **Clay, O. J.**, Lee, L. T., Browning, W., Schoenberger, Y., & Martin, M. Y. (under review). Texting Older Sisters to Step: The TOSS Study. Western Journal of Nursing Research.

Scott, C., **Clay, O. J.**, Epps, F., & Cothran, F., & Williams, I. C. (under review). The benefit of Alzheimer's disease knowledge for African American and Caucasian Informal Family Caregivers. Dementia.

Muhammad, J. N., Fernandez, J. R., **Clay, O. J.**, Saag, M. S., Overton, E. T., Willig, A. L. (under review). Associations of food insecurity and psychosocial measures with diet quality in adults aging with HIV. Journal of Nutrition, Health & Aging.

Manuscripts in preparation

Clay, O. J., Ejem, D., Haley, W. E., Holt, C. L., Marino, V. R., & Roth, D. L. (full manuscript under review by REGARDS Executive Committee). Association between spirituality, religious participation, and psychosocial well-being in African American and Caucasian stroke caregivers. Rehabilitation Psychology.

Clay, O. J., Waters, M., Ejem, D., Morhardt, D. J., Williams, I. C., Cothran, F. A., Epps, F., Scott, C., & Mittelman, M. (selected to submit manuscript for Special Issue). Issues and barriers experienced by African Americans caring for a person with memory problems in the Deep South. Gerontology and Geriatric Medicine.

Werner, P., **Clay, O. J.**, Goldstein, D., Kermel, I., Hertz, M., & Mittelman, M. S. (in preparation). Implementing and assessing an evidence-based intervention for caregivers of persons with Alzheimer's disease: Results of a randomized trial of the NYUCI in Israel. The Lancet Neurology.

Other Peer Reviewed Reports and Publications

1.) Ball, K. K., Ross, L. A., Stavrinou, D., Heaton, K., & **Clay, O. J.** *Performance Based Testing of Driving Skills/Capability*. (August 2012). US Department of Transportation- Federal Motor Carrier Safety Administration (FMSCA) Technical Report.

Presentations and Published Abstracts

1.) Roth, D.L., Stevens, A.B., Gerstle, J., **Clay, O.J.**, Burgio, L.D. (October, 1999). Effects of Staff Training on Sequential Associations Observed During Staff-Resident Interactions. Presented as part of a symposium, "Changing Behavior in Nursing Homes: Psychosocial Interventions for Staff and Residents," at the annual meeting of the Gerontological Society of America, San Francisco, CA. The Gerontologist, 39, 584-85.

2.) Roth, D.L., Haley, W.E., **Clay, O.J.**, Goode, K.T. (October, 1999). Latent Growth Models of Ethnic Differences in Alzheimer's Caregiver Adjustment Over Time. Presented at the annual meeting of the Gerontological Society of America, San Francisco, CA. The Gerontologist, 39, 206-07.

- 3.) Ball, K., Owsley, C., Wadley, V., Edwards, J., Frankel, M., Ball, D. & **Clay, O.** (September, 2000). Enhancing the safety of older drivers: Results of a meta-analysis of crash risk factors. Presented as part of a symposium, "Insights in older driver behaviour and safety," to the annual meetings of the International Conference on Traffic and Transport Psychology, Berne, Switzerland.
- 4.) Roth, D. L., Owen, J. E., **Clay, O. J.**, Stevens, A. B., & Haley. W. E. (November, 2000). Adjustment after bereavement in family caregivers of dementia patients: A comparison of African-American and White families. Paper presented at the annual meeting of the Gerontological Society of America, Washington, DC. The Gerontologist, 40, 192.
- 5.) Stevens, A.B., Owen, J.E., Roth, D.L., **Clay, O.J.**, Bartolucci, A., & Haley, W.E. (November, 2000). Predictors of nursing home placement in White and African American individuals with Alzheimer's disease. Paper presented at the annual meeting of the Gerontological Society Society of America, Washington, DC. The Gerontologist, 40, 276.
- 6.) Owen, J.E., Bartolucci, A., **Clay, O.** (November, 2000). Applications of survival analysis to nursing home placement. Paper presented at the UAB Center for Aging Scientific Seminar.
- 7.) Rumble, M., Edwards, D., **Clay, O.**, Woodley, R., & Ball, K. (August, 2001). Accelerate: A cognitive intervention to improve everyday mobility. Presented as part of a symposium, "Cognitive aging, attitudes, and everyday abilities," Karlene Ball, Chair, to the annual meeting of the American Psychological Association, San Francisco, CA.
- 8.) Roenker, D., Ball, K., Wadley, V., Edwards, J., & **Clay, O.**, & Roth, D. (August, 2001). Enhancing safety and mobility of older drivers: a meta analysis. Accepted as part of a symposium, "Cognitive aging, attitudes, and everyday abilities," Karlene Ball, Chair, to the annual meeting of the American Psychological Association, San Francisco, CA.
- 9.) Edwards, D.J., Girkin, C.A., **Clay, O.J.**, & Ball, K.L. (2001). Selectivity of visual processing and cognitive performance. Investigative Ophthalmology and Visual Science. 42(4), S852.
- 10.) Roth, D.L., Haley, W.E., **Clay, O.J.**, Wadley, V.G., & Owen, J.E. (November, 2001). Longitudinal analyses of dementia caregiver adjustment: Linear versus curvilinear patterns of change. Presented at the annual meeting of the Gerontological Society of America, Chicago, IL. The Gerontologist, 41, 132-133.
- 11.) **Clay, O.J.** (March, 2002). Logistic Regression Analysis of Mobility Risk Factors. Presentation at the UAB Center for Aging, Data Management and Analysis Core (DMAC) Scientific Seminar.
- 12.) Roth, D. L., Mittelman, M. S., & **Clay, O. J.** (November, 2002). Longitudinal growth models of intervention outcome. Paper presented at the annual meeting of the Gerontological Society of America, Boston, MA. The Gerontologist, 42, 339.
- 13.) **Clay, O.J.**, Roth, D.L., Wadley, V.G., & Haley, W.E. (November, 2002). Longitudinal Analysis of the Coping Strategies of African American and White Family Caregivers. Presented at the annual meeting of the Gerontological Society of America, Boston, MA. The Gerontologist, 42, 179.

- 14.) Sims, R., Ball, K., Roth, D.L., McKinney, Y., **Clay, O.J.**, & Allman, R. (May, 2003). Falls Among Older veteran drivers. Paper presented at the annual meeting of the American Geriatrics Society, Baltimore, MD. Journal of the American Geriatrics Society, 51, S42.
- 15.) Sims, R., Ball, K., Allman, R., **Clay, O.J.**, McKinney, Y., & Roth, D.L. (May, 2003). Shared Associations for Falls and Motor Vehicle Crashes Among Older Veterans. Paper presented at the annual meeting of the American Geriatrics Society, Baltimore, MD. Journal of the American Geriatrics Society, 51, S202.
- 16.) Roth, D.L., Mittelman, M.S., **Clay, O.J.**, & Haley, W.E. (November, 2003). Social Support as a Mediator of the Intervention Effects for Spouse Caregivers: A Structural Equation Modeling Approach. Presented at the annual meeting of the Gerontological Society of America, San Diego, CA. The Gerontologist, 43, 43.
- 17.) **Clay, O.J.**, Roth, D.L., Stevens, A.B., Owen, J.E., & Haley, W.E. (November, 2003). Influence of Race and Relationship to Patient on Nursing Home Placement Decisions of Family Caregivers. Paper presented at the annual meeting of the Gerontological Society of America, San Diego, CA. The Gerontologist, 43, Special Issue I, 436-437.
- 18.) Williams, M., Grimley, D.M., **Clay, O.J.** (March, 2004) "Predictors Of Depression Among African-American Women Attending An Urban STD Clinic. Presented at the annual meeting of the National STD Prevention Conference, Philadelphia, Pennsylvania.
- 19.) Roth, D. L., **Clay, O.J.** (March, 2004). Uses and Abuses of Multi-Variable Predictor Models in Observational Research. Presented at the monthly meeting of the UAB Center for Aging Data Management and Analysis Core (DMAC).
- 20.) Ross, L. A., Edwards, J.D., **Clay, O.J.**, Wadley, V.G., & Ball, K.K. (April, 2004). Speed of processing training gains are independent of age, self-efficacy and depression. Presented at the 10th Cognitive Aging Conference, Atlanta, Georgia.
- 21.) **Clay, O.J.**, Edwards, J.D., Wadley, V.G., Roth, D.L., Ross, L.A. & Ball, K.K. (July, 2004). Structural Equation Models of Processing Speed and Cognitive Aging. Presented at the 112th annual American Psychological Association Convention, Honolulu, Hawaii.
- 22.) **Clay, O.J.**, Mittelman, M.S., Madan, A., & Roth, D.L. (November, 2004). Effectiveness of a Multicomponent Psychosocial Intervention for Dementia Caregivers in Delaying Nursing Home Placement. Poster presented at the 57th annual meeting of the Gerontological Society of America, Washington, DC. The Gerontologist, 44 Special Issue I, 575.
- 23.) Williams, C.J., Shuster, J.L., Burgio, K.L., **Clay, O.** (January, 2005). Survey of research interest among hospice patients, their caregivers and ambulatory seniors. Paper presented at the Annual Assembly of American Academy of Hospice and Palliative Medicine, New Orleans, LA.
- 24.) Madan, A., Kilgore, M.L., **Clay, O.J.**, Roth, D.L., & Mittelman, M.S. (May, 2005) Predictors of Health Related Quality of Life among Dementia Caregivers: A Longitudinal Examination. Poster presented at the International Society of Pharmacoeconomics and Outcomes Research Annual International Meeting, Washington, DC.

- 25.) Ball, K., **Clay, O.**, Wadley, V., Roth, D., Edwards, J., & Roenker, D. (June, 2005). Predicting Driving Performance in Older Adults with the Useful Field of View: A Meta-Analysis. Presented at the Third International Driving Symposium on Human Factors in Driver Assessment, Training, and Vehicle Design, Rockport, Maine.
- 26.) **Clay, O.J.** (November, 2005). Racial Differences in Health Care Utilization in a Sample of Urban and Rural Medicare Beneficiaries. Presentation at the UAB Center for Aging, Birmingham/Atlanta VA Geriatric Research, Education, and Clinical Center (GRECC), Data Analysis Seminar Series.
- 27.) Ross, L., Bradley, S., Dodson, J., **Clay, O.**, & Edwards, J. (November, 2005). Staying Keen in Later Life: The Relationship of UFOV Risk Category to Subsequent Driving Behavior. Presented as part of a symposium, "Translational Research on Aging and Mobility: Promising Partnerships with Industry," Karlene Ball, Chair, at the 58th annual meeting of the Gerontological Society of America, New Orleans, LA.
- 28.) Roth, D., Mittelman, M., Dube, T., & **Clay, O.** (November, 2005). Observed Versus Latent Change Scores as Measures of Mediators. Presented as part of a symposium, "Applications of Modern Measurement in Aging Research: The Measurement, Statistics and Research Design Proposed Interest Group," R. Jones, Chair, at the 58th annual meeting of the Gerontological Society of America, New Orleans, LA.
- 29.) Mittelman, M., Roth, D., **Clay, O.**, & Haley, W. (November, 2005). Physical Health Effects of the NYU Spouse Caregiver Intervention. Presented as part of a symposium, "Improving Physical and Mental Health of Dementia Caregivers through Interdisciplinary Community-Based Services," R. Logsdon, Chair, at the 58th annual meeting of the Gerontological Society of America, New Orleans, LA.
- 30.) Telfair, J. & **Clay, O.J.** (April 2006). Relationship between adjustment and self-efficacy in adolescents with sickle cell disease: Assessment of a disease-specific instrument, invited research paper, 29th Annual Sickle Cell Disease Meeting, NIH, Memphis, Tennessee. (Abstract: Conference Proceedings).
- 31.) **Clay, O.J.**, Roth, D.L., & Haley, W.E. (June, 2006). Longitudinal Trajectories of Social Support Network Size and Satisfaction and Their Impact on Psychosocial Outcomes in Dementia Caregivers. Poster presented at the 5th Hawaii International Conference on Social Sciences, Honolulu, Hawaii.
- 32.) Roth, D., **Clay, O.**, Grant, J., Wadley, V., Howard, G., & Haley, W. (November, 2006). Measuring stress appraisals in African American and White family caregivers of stroke survivors. Poster presented at the 59th annual meeting of the Gerontological Society of America, Dallas, TX. The Gerontologist, 46 Special Issue I, 261.
- 33.) Roth, D., **Clay, O.**, & McVie, T. (November, 2006). Analytic models for testing nursing home placement and bereavement effects on trajectories of caregiver well-being over time. Presented as part of a symposium, "Transitions in caregiving: Results of the NYU spouse-caregiver intervention study," M. Mittelman, Chair, at the 59th annual meeting of the Gerontological Society of America, New Orleans, LA. The Gerontologist, 46 Special Issue I, 364.

- 34.) Ross, L., **Clay, O.**, Edwards, J., Cissell, G., Roenker, D., & Ball, K. (November, 2006). Predictors of driving trajectories among older adults. Poster presented at the 59th annual meeting of the Gerontological Society of America, Dallas, TX. The Gerontologist, 46 Special Issue I, 433.
- 35.) Kvale, E., **Clay, O.**, McGee, J., Ross, L., & Ball, K. (November, 2006). Cognitive and functional impairment in older cancer survivors: An analysis of the ACTIVE database. Poster presented at the 59th annual meeting of the Gerontological Society of America, Dallas, TX. The Gerontologist, 46 Special Issue I, 507.
- 36.) **Clay, O.J.** (March, 2007). Caring for a Family Member with Dementia: Longitudinal Outcomes, Protective Resources, and Decisions about Nursing Home Placement. Presentation at the UAB Department of Psychology 2007 Colloquium Series.
- 37.) Roth, D.L., Perkins, M.M, **Clay, O.J.**, & Mittelman, M.S. (November, 2007). Effects of a spouse caregiver intervention on disease progression and mortality rate for persons with dementia. Poster presented at the 60th annual meeting of the Gerontological Society of America, San Francisco, CA.
- 38.) Crowe, M., **Clay, O.J.**, Sawyer, P., Crowther, M.R., & Allman, R.M. (November, 2007). Education and reading ability in relation to differences in cognitive screening between African American and Caucasian older adults. Poster presented at the 60th annual meeting of the Gerontological Society of America, San Francisco, CA.
- 39.) **Clay, O.J.** (January, 2008). The impact of social support on psychosocial adjustment in African American and White dementia caregivers. Presented as part of a symposium, "Diversity research in psychology across the lifespan," David Schwebel, Chair, UAB Department of Psychology 2008 Colloquium Series.
- 40.) Perez, T.A., **Clay, O.**, & Biasini, F. (April, 2008). Improving child outcomes through a computer intervention designed to improve head start children's social skills. (Presented as part of a symposium, "Improving Outcomes for Head Start Children, Parents, and Families" at the annual meeting of the National Head Start Association, Nashville, TN.
- 41.) **Clay, O. J.**, Roth, D.L., Sawyer, P.L, & Allman, R.M. (November, 2008). Racial differences in rates of non-surgical hospitalization among African American and White Medicare beneficiaries. Poster presented at the 61st annual meeting of the Gerontological Society of America, National Harbor, MD.
- 42.) Goode P., Burgio K., Johnson T., Roth D., **Clay O.**, Burkhardt J., Lloyd K. (October, 2009) Behavioral Therapy With or Without Biofeedback and Pelvic Floor Electrical Stimulation for Persistent Post-Prostatectomy Incontinence – A Randomized Controlled Trial. Poster presentation at the International Continence Society Meeting in San Francisco, CA. Neurourology and Urodynamics, 28(7), 681-682.
- 43.) Sartori, A.C., Crowe, M., **Clay, O.J.**, Ball, K., & Wadley, V.G. (November, 2009). Performance-based measures of cognitive and everyday function in relation to life-space. Poster presented at the 62nd annual meeting of the Gerontological Society of America, Atlanta, GA. The Gerontologist, 49 (Supplement 2), 191.

- 44.) Crowe, M., **Clay, O.J.**, Sartori, A.C., Wadley, V.G., Andel, R., Sawyer, P., & Allman, R. (November, 2009). Diabetes and cognitive decline in older African Americans and Whites. Poster presented at the 62nd annual meeting of the Gerontological Society of America, Atlanta, GA. The Gerontologist, 49 (Supplement 2), 192.
- 45.) **Clay, O.J.**, Crowe, M., Crowther, M., Sawyer, P., & Allman, R. (November, 2009). Use of the geriatric depression scale in African American and Caucasian Medicare beneficiaries. Poster presented at the 62nd annual meeting of the Gerontological Society of America, Atlanta, GA. The Gerontologist, 49 (Supplement 2), 235.
- 46.) **Clay, O.J.** (February, 2010). Is the geriatric depression scale appropriate when comparing older African American and Caucasian Medicare beneficiaries? Presentation at the UAB Center for Aging, Birmingham/Atlanta VA Geriatric Research, Education, and Clinical Center (GRECC), Data Analysis Seminar Series.
- 47.) Kaur, J., **Clay, O.J.**, Ball, K. (April, 2010). Cognitive Training Interventions with Older Adults: The PACES Study. Presented at the UAB John Ost Undergraduate Research Competition.
- 48.) Crowe, M., **Clay, O.J.**, Howard, V., Wadley, V.G., Sawyer, P., & Allman, R.M. (November, 2010). Indicators of childhood quality of education in relation to cognitive function in older adulthood. Poster presented at the 63rd annual meeting of the Gerontological Society of America, New Orleans, LA. The Gerontologist, 50 Supplement I, 354-355.
- 49.) **Clay, O.J.**, & Crowe, M. (November, 2010). Mobility limitations among older adults with Type 2 diabetes. Presented as part of a symposium, "Correlates of Functional Disability in Older Adults: Implications for Minority Populations." A. Morgan, Chair, at the 63rd annual meeting of the Gerontological Society of America, New Orleans, LA. The Gerontologist, 50 Supplement I, 355-356.
- 50.) Wadley, V.G., Howard, G., Howard, V.J., **Clay, O.J.**, Grant, J.S., Rhodes, J., Haley, W.E. & Roth, D.L. (November, 2010). Design of REGARDS and CARES: Enrolling national samples of stroke survivors and family caregivers. Presented as part of a symposium, "Population-based studies of stroke and informal caregiving: The REGARDS and CARES Projects." D. Roth, Chair, at the 63rd annual meeting of the Gerontological Society of America, New Orleans, LA. The Gerontologist, 50 Supplement I, 363-364.
- 51.) Holcomb, C., **Clay, O. J.**, Crowe, M., Sawyer, P.L. & Allman, R.M. (April, 2011). Diabetes in African American and Caucasian Medicare Beneficiaries. Poster presented at the 23rd Annual UAB Ost Undergraduate Research Competition.
- 52.) Wells, H., **Clay, O. J.**, Ovalle, F., & Crowe, M. (April, 2011). Cognitive and mental health in relation to self-care activities in older adults with diabetes. Poster presented at the 23rd Annual UAB Ost Undergraduate Research Competition.
- 53.) Keita, A.D., Hannon III, L., & **Clay, O.J.**, (April, 2011). Changing neighborhood structures: The effects of a HOPE VI housing program for community, health, and physical activity. Oral presentation at the Centers for Disease Control and Prevention, Prevention Research Centers Program annual conference in Atlanta, GA.

- 54.) **Clay, O. J.**, Ovalle, F., & Crowe, M. (May, 2011). Correlates of life space mobility among older adults with type 2 diabetes. Poster presented at the annual UAB Diabetes Research Day.
- 55.) Crowe, M., **Clay, O. J.**, & Ovalle, F. (May, 2011). The association between cognitive function and health literacy in older adults with diabetes. Poster presented at the annual UAB Diabetes Research Day.
- 56.) King, V.L., **Clay, O. J.**, Ovalle, F. & Crowe, M., (July, 2011). Physician distrust and perceived discrimination as potential mediators of the relationship between race and diabetes distress. Poster presented at the UAB Summer Research Expo. (**BEST POSTER AWARD**)
- 57.) **Clay, O.J.**, Perkins, M.M., & Roth, D.L. (July, 2011). Effect of dementia patient memory and behavioral problems on physical health in African American and Caucasian caregivers. Poster presented at the Alzheimer's Association International Conference on Alzheimer's Disease 2011. Paris, France.
- 58.) Perkins, M.M., **Clay, O.J.**, & Roth, D.L. (July, 2011). Health trajectories in caregivers of dementia patients. Poster presented at the Alzheimer's Association International Conference on Alzheimer's Disease 2011. Paris, France.
- 59.) Cain, H., **Clay, O. J.**, Ovalle, F., & Crowe, M. (2011, October). Predictors of eye care utilization among older adults with diabetes. Oral presentation at the annual meeting of the UAB Center for Aging, Birmingham, AL.
- 60.) Wells, H., **Clay, O. J.**, Ovalle, F., & Crowe, M. (2011, October). The relationship between depressive symptoms and self-care activities in older adults with diabetes. Poster presented at the annual meeting of the UAB Center for Aging, Birmingham, AL.
- 61.) Kontos, S., **Clay, O. J.**, Ovalle, F., & Crowe, M. (2011, October). Correlates of cognitive impairment in older adults with diabetes. Poster presented at the annual meeting of the UAB Center for Aging, Birmingham, AL.
- 62.) **Clay, O.J.**, Edwards, J.D., & Ball, K.K. (October, 2011). The importance of visual function and cognitive speed-of-processing in explaining cognitive decline. Invited oral presentation at the 4th International and Interdisciplinary Research Conference on Aging and Speech Communication, Bloomington, IN.
- 63.) **Clay, O.J.** & Ball, K.K. (November, 2011). The art of publishing and manuscript preparation. Presentation given and video recorded for junior faculty scholars of the Health Disparities Research Training Program (HDRTP). Scholars were from UAB, University of Alabama, Morehouse School of Medicine, and Tuskegee University.
- 64.) Sartori, A.C., **Clay, O.J.**, Ovalle, F., Rothman, R.L., & Crowe, M. (November, 2011). Age and cognitive function are associated with diabetes knowledge. Poster presented at the annual meeting of the National Academy of Neuropsychology, Marco Island, FL. Archives of Clinical Neuropsychology, 26, p. 509. (**BEST STUDENT POSTER AWARD**)

- 65.) **Clay, O.J.**, Thorpe, R., Crowe, M., Sawyer, P., & Allman R. (November, 2011). Correlates of lower extremity function in older African American and Caucasian male Medicare Beneficiaries. Presented as part of a symposium, "African American men's health: The role of psychosocial and lifestyle factors." R. Thorpe Chair, at the 64th annual meeting of the Gerontological Society of America, Boston, M.A. The Gerontologist, 51 Supplement II, 385.
- 66.) Vice, J.E., **Clay, O. J.**, Ovalle, F. & Crowe, M., (January, 2012). Effects of social support and self-efficacy on quality of life in a sample of older adults with diabetes. Poster presented at the 3rd Annual UAB Interprofessional Geriatric Education Center meeting.
- 67.) Crowe, M., **Clay, O. J.**, & Ovalle, F. (April, 2012). Cognitive function and self-reported health literacy problems in older adults with diabetes. Presented at the 14th Biennial Cognitive Aging Conference, Atlanta, GA.
- 68.) Kontos, S., **Clay, O. J.**, Ovalle, F., & Crowe, M. (May, 2012). Cognitive function in older adults with diabetes: The potential importance of factors related to education and health disparities. Poster presented at the 24th Annual UAB Ost Undergraduate Research Competition.
- 69.) Cain, H., **Clay, O. J.**, Ovalle, F., & Crowe, M. (May, 2012). Predictors of eye care utilization among older adults with diabetes. Poster presented at the 24th Annual UAB Ost Undergraduate Research Competition.
- 70.) **Clay, O.J.** (June, 2012). An overview of the UAB Diabetes and Aging Study of Health (DASH). Oral presentation at the University of Alabama at Birmingham Diabetes Research & Training Center Collaborative Investigators Meeting.
- 71.) Butler, A., Crowe, M., & **Clay, O. J.** (July, 2012). The association of race and indicators of socioeconomic status with health in older adults with diabetes. Presented at the annual UAB Summer Research Expo, Birmingham, AL.
- 72.) Chabral, M. S., **Clay, O. J.**, & Crowe, M. (July, 2012). Predictors of depressive symptoms in older adults with diabetes. Presented at the annual MHRC Summer Enrichment Program (SEP), Birmingham, AL.
- 73.) Strickland, C., García, A., **Clay, O. J.**, Dávila, A., & Crowe, M. (July, 2012). Depressive symptoms in older Hispanics with diabetes. Presented at the annual UAB Summer Research Expo [Ronald E. McNair Scholars Program], Birmingham, AL.
- 74.) **Clay, O.J.** (September, 2012). Mobility Problems in Older Adults with Diabetes. Lunch and Learn Health Talk at the University of Alabama at Birmingham HealthSmart Clinic.
- 75.) Owens, J., **Clay, O. J.**, Wadley, V., & Crowe, M. (October, 2012). Stroke symptoms as predictors of mental and cognitive health in older adults with diabetes. Presented at the annual meeting of the UAB Center for Aging, Birmingham, AL.
- 76.) **Clay, O.J.**, Ovalle, F., & Crowe, M. (November, 2012). Associations between health conditions and overnight hospitalization in older adults with diabetes. Poster presented at the 65th annual meeting of the Gerontological Society of America, San Diego, CA.

- 77.) Jones, L.C., **Clay, O.J.**, Ovalle, F., & Crowe, M. (November, 2012). Stressors and depressive symptoms in older adults with diabetes: What is the relationship? Poster presented at the 65th annual meeting of the Gerontological Society of America, San Diego, CA.
- 78.) Crowe, M., Gurucharri, A.G., **Clay, O.J.**, Markides, K., & Davila, A.L. (November, 2012). The association of diabetes with incident cognitive and mental health outcomes in older Puerto Ricans. Poster presented at the 65th annual meeting of the Gerontological Society of America, San Diego, CA.
- 79.) Perkins, M., **Clay, O.J.**, Haley, W.H., Wadley, V.G., Grant, J.S., Pulley, L., & Roth, D.L. (November, 2012). Race, stroke, and the CES-D: Caring for Adults Recovering from the Effects of Stroke (CARES) Study. Presented as part of a symposium, "Mental health disparities research using secondary data sets." G. Kim, Chair, at the 65th annual meeting of the Gerontological Society of America, San Diego, CA.
- 80.) Dulin-Keita, A., Hannon, L., Buys, D., Casazza, K., Clay, O. (December, 2012). Changing the sociostructural environment through HOPE VI: A mixed-methods approach to examine community residents' expectations for their community, health and physical activity. Poster presented at the 2012 Summit on the Science of Eliminating Health Disparities, Washington DC.
- 81.) **Clay, O. J.**, Ovalle, F., & Crowe, M. (November, 2013). Perceived discrimination and physician trust as mediators of the racial difference in diabetes distress. Poster presented at the 66th annual meeting of the Gerontological Society of America, New Orleans, LA.
- 82.) **Clay, O. J.** (March, 2014). Associations between perceived discrimination, physician trust, and diabetes distress within the UAB Diabetes and Aging Study of Health (DASH). Oral presentation at the UAB Comprehensive Center for Healthy Aging & Birmingham/Atlanta GREEC Scientific Seminar Series on Aging.
- 83.) Dulin-Keita, A., Hannon, L., **Clay, O.**, Adams, I., Rogers, M. (May, 2014). Changes in neighborhood built/social features and odds of physical activity. Poster presented at the 2014 International Society of Behavioral Nutrition and Physical Activity, San Diego, CA.
- 84.) Henry, S., **Clay, O. J.**, & Crowe, M. (October, 2014). Correlates of physician trust in older adults with diabetes. Presented at the 22nd annual meeting of the UAB Comprehensive Center for Healthy Aging, Birmingham, AL.
- 85.) Atkinson, D., **Clay, O. J.**, & Crowe, M. (October, 2014). The effects of perceived discrimination and physician trust on physician visits among older adults with diabetes. Presented at the 22nd annual meeting of the UAB Comprehensive Center for Healthy Aging, Birmingham, AL.
- 86.) Scott, C. & **Clay, O. J.** (November 2014). Alzheimer's disease caregivers benefit from knowledge. Presented as part of a symposium, "Approaching Alzheimer's Disease from cells to society." R. Thorpe, Chair, at the 67th annual meeting of the Gerontological Society of America, Washington, DC.
- 87.) Henry, S., **Clay, O. J.**, & Crowe, M. (November, 2014). Exploring racial differences in cognitive function among older adults with diabetes. Presented at the 67th annual meeting of the Gerontological Society of America, Cognitive Health Disparities Pre-Conference Workshop, Washington, DC.

- 88.) **Clay, O. J.**, Haley, W. E., Hovater, M., & Roth, D. L. (November, 2014). Exploring racial differences in cognitive function among older adults with diabetes. Poster presented at the 67th annual meeting of the Gerontological Society of America, Washington, DC.
- 89.) Passler, J., **Clay, O.**, Wadley, V., & Crowe, M. (November, 2014). The association of stroke symptoms with cognitive function and depressive symptoms in older adults with diabetes. Presented at the 34th Annual Meeting of the National Academy of Neuropsychology, Fajardo, Puerto Rico.
- 90.) Passler, J., **Clay, O. J.**, & Crowe, M. (August, 2015). Predictors of self-care activities in older adults with diabetes. Poster presented at the 123rd Annual Meeting of the American Psychological Association, Toronto, Ontario, Canada.
- 91.) Bell, T. R., Davila, A. L., **Clay, O. J.**, Markides, K. S., & Crowe, M. (August, 2015). The association between cognitive decline and incident depressive symptoms in older Hispanic adults. Poster presented at the 123rd Annual Meeting of the American Psychological Association, Toronto, Ontario, Canada.
- 92.) Crowe, M., **Clay, O. J.**, & Ovalle, F. (November, 2015). Overview and initial findings from the Diabetes and Aging Study of Health (DASH). Presented as part of a symposium, "Examining Health Disparities among Older Adults with Diabetes." R. Thorpe, Chair, at the 68th annual meeting of the Gerontological Society of America, Orlando, FL.
- 93.) **Clay, O. J.**, Baker, T. A., Johnson-Lawrence, V., & Crowe, M. (November, 2015). Associations of multiple chronic conditions and pain among older African Americans and Caucasians with diabetes. Presented as part of a symposium, "Examining Health Disparities among Older Adults with Diabetes." R. Thorpe, Chair, at the 68th annual meeting of the Gerontological Society of America, Orlando, FL.
- 94.) Henry, S., **Clay, O. J.**, & Crowe, M. (November, 2015). Physician trust in older adults with diabetes. Presented as part of a symposium, "Examining Health Disparities among Older Adults with Diabetes." R. Thorpe, Chair, at the 68th annual meeting of the Gerontological Society of America, Orlando, FL.
- 95.) Bowen, P. G., **Clay, O. J.**, Lee, L. T., Vice, J., Ovalle, F., & Crowe, M. (November, 2015). Diabetes self-efficacy and quality of life among older adults with diabetes. Presented as part of a symposium, "Examining Health Disparities among Older Adults with Diabetes." R. Thorpe, Chair, at the 68th annual meeting of the Gerontological Society of America, Orlando, FL.
- 96.) Williams, I. C., **Clay, O. J.**, Ovalle, F., & Crowe, M. (November, 2015). The role of psychosocial factors in explaining diabetes distress among African American and Caucasian older adults. Presented as part of a symposium, "Examining Health Disparities among Older Adults with Diabetes." R. Thorpe, Chair, at the 68th annual meeting of the Gerontological Society of America, Orlando, FL.
- 97.) Lee, L. T., Bowen, P. G., & **Clay, O. J.** (November, 2015). Is diabetes associated with depression and physical function in older adults: NHANES 2009-2010? Poster presented at the 68th annual meeting of the Gerontological Society of America, Orlando, FL.

- 98.) O'Neill, J., **Clay, O.**, Ferguson, D., Gould, S., Johnston, J., Novack, T., Schwebel, D. & Dreer, L. (February, 2016). Pediatric concussion rehabilitation and return-to-learn (RTL): A systematic review. Poster presented at the 18th Annual Meeting of the American Board of Rehabilitation Psychology, Atlanta, GA.
- 99.) **Clay, O. J.**, Williams, I. C., & Crowe, M. (April, 2016). Perceived discrimination and physician trust as mediators of the disparity in diabetes distress between older African Americans and Caucasians. Poster presented at the 2016 RCMAR Annual Investigators Meeting, Bethesda, MD.
- 100.) **Clay, O. J.** & Crowe, M. (November, 2016). Examining trajectories of diabetes distress in older African Americans and Caucasians. Poster presented at the 69th annual meeting of the Gerontological Society of America, New Orleans, LA.
- 101.) Crowe, M., Davila-Roman, A. L., **Clay, O. J.** Markides, K., Small, B., Kennedy, R., Downer, B. & Andel, R. (November, 2016). Race and cognitive function in older Puerto Ricans. Poster presented at the 69th annual meeting of the Gerontological Society of America, New Orleans, LA.
- 102.) O'Neill, J., Terry, S., Sarrett, L., Schwebel, D., Novack, T., Johnston, J., **Clay, O. J.**, Ferguson, D., Gould, S., Hale, M., Ortega, J., Colberg, R., & Dreer, L. (February, 2018). *The relationship between the Sport Concussion Assessment Tool – 3rd Edition (SCAT-3) and neuropsychological functioning in adolescents with concussion*. Poster accepted at the 46th Annual Meeting of the International Neuropsychological Society, Washington, DC.

Funding Activity

5 R01 AG14634 Mittelman (PI) 09/01/01 – 08/31/07
NIH/NIA

AD Caregiver Well-Being Counseling / Institutionalization

The goal of this project was to evaluate the long-term effects of a caregiver support intervention for spouses of dementia patients. The primary data analysis site was at UAB under the direction of Dr. Roth.

Role: Program Manager of the UAB subcontract

5 R37 AG05739-20 Ball (PI) 09/01/07 - 06/30/08
NIH/NIA

Improvement of Visual Processing in Older Adults

The major goal of this project is to determine the underlying reasons for visual/perceptual problems in older adults, as well as to understand the mechanisms for improved performance with training.

Role: Co-Investigator

1 R44 AG022799 Keirn (PI) 11/01/07 – 10/31/09
NIH/NIA

Wadley, Principal Investigator of UAB Subcontract

Development and Evaluation of an Interactive Cognitive Training Program

In conjunction with State Farm Automobile Insurance and Visual Awareness, Inc., the goal of this research is to evaluate the effectiveness of self-administered speed-of-processing training in reducing crash risk among drivers 75 years of age and older throughout the state of Alabama.

Role: Co-Investigator

1 R01 NS045789-01 Roth (PI)
NIH/NINDS

04/01/05 – 03/31/10

Psychosocial Impact of Stroke on Family Caregivers

The goals of this project are to measure the long-term effects of stroke disability on family caregivers, to estimate rates of health care utilization after stroke for a national sample of stroke survivors, and to compare outcomes of African American and White family caregivers of stroke survivors.

Role: Co-Investigator

3 P30 AG031054-02S1 Allman/Clay (PI)
NIH/NIA

07/01/08 – 06/30/12
\$257,890

Research Supplement to Promote Diversity in Health Related Research (Supplement to Deep South Resource Center for Minority Aging Research)

This is a diversity supplement aimed to expose Dr. Clay to additional training that consists of coursework, seminars, laboratory meetings, and conducting his own research studies. The longitudinal trajectories of physical and mental health outcomes in older Medicare beneficiaries will be examined to identify mutable domains that can be intervened upon and potentially lead to a decrease in health disparities.

Keita (PI)

10/01/09 – 09/30/12

UAB Center for the Study of Community Health

Changing Neighborhood Structure: The Role of Gentrification on Community Health

This study examines the effects of significant neighborhood changes within a low-resource African American community (Ensley). We are now submitting manuscripts to disseminate the findings of this study.

Role: **My initial role was as a consultant. I assumed the role of PI of this project.**

P30 AG022838 Crowe/Clay (PI)
NIH/NIA

9/1/2010 – 8/31/2012

Roybal Center Project

\$40,000

Diabetes Aging Study of Health (DASH) Pilot Project

This is an ancillary study that is completing in-person assessments of cognitive function and health literacy on a subsample of 50 participants from the telephone-based DASH study. The goal of this study is to investigate the relationship between domains of cognitive function and health literacy in older adults with diabetes.

Ball (PI)

2011 – 2012

Virginia Tech Transportation Institute (VTTI)

UAB Truck Driver Aging

The purpose of this project is to develop a report that (1) critically evaluates the research regarding potential performance-based assessments of crash risk in older commercial vehicle drivers and (2) determines the crash rates of older commercial drivers by age group.

Role: Co-Investigator

Clay (PI) 10/01/11 – 09/30/13
 UAB Minority Health & Health Disparities Research Center \$60,000
 & UAB Center for Clinical & Translational Science

Racial Differences in Diabetes Distress: Examining Factors Related to Health Disparities

This project will lead to a better understanding of health disparities in psychological distress among older adults with diabetes. Measures associated with distress will help identify individuals who are at risk for negative outcomes. Subsequently, this knowledge will aid in the development of targeted intervention strategies to reduce distress and depression in older blacks and whites with diabetes.

Award # HRD-1067888 Dale (PI) 09/01/2012 – 08/31/2013
 NSF \$800,000

Alabama LSAMP Student Transitions

The Alabama Louis Stokes Alliance for Minority Participation strives through its twelve member institutions to increase the quality and quantity of under-represented minority students completing baccalaureate degrees in science, technology, engineering, and mathematics (STEM) fields.

Role: Co-Investigator

1U48DP005037-01 Davies (PI) 09/30/14 – 09/29/19

National Center for Chronic Disease Prevention & Health Promotion

CITY Health-II – The Center for the Study of Community Health

City Health II is the core research demonstration project within the UAB Center for the Study of Community Health. In this continuation study, CITY Health II aims to 1) examine risk and protective factors for high risk behaviors (e.g., substance abuse, sexual risk) for emerging adults in the Birmingham metro area; 2) use respondent driven sampling to better understand social networks and their potential interactions with risk and/or protective behaviors; and 3) develop and evaluate a targeted intervention using entertainment education through traditional media channels and peer networks.

Role: Co-Investigator

Clay (PI) 04/01/16 – 07/31/16

Mid-South Transdisciplinary Collaborative Center for Health Disparities

Examining associations between social determinants of health, obesity and comorbid conditions, and longitudinal outcomes among older African American and Caucasian Medicare beneficiaries

The project will examine social determinants of health within a sample of older African Americans and Caucasians and their relationships with obesity and other related health conditions and with longitudinal outcomes.

Clay (PI) 07/01/16 – 06/30/18

Deep South Resource Center on Minority Aging Research (RCMAR) Pilot Grant

An enhanced social support intervention for African American caregivers

African American caregivers are underserved when it comes to the availability of programs to reduce the negative outcomes associated with caregiving. Knowledge gained from this pilot investigation will provide an initial look at translating the NYUCI for use within African American caregivers, determine if modifications should be made, and provide data that will be used to calculate effect sizes for a larger grant application.

Roberson (PI)
 University of Alabama at Birmingham (UAB) / UAB School of Medicine
UAB Alzheimer's Disease Center (ADC)

07/01/17 – 06/30/19

The mission of the UAB Alzheimer's Disease Center is to overcome Alzheimer's disease and related disorders by conducting, fostering, and enabling research at UAB and through national collaborations, by providing the highest level of clinical care and service to patients and families, and by educating both professionals and the public.

Role: Co-Investigator / Outreach and Recruitment Core

Grant Submissions Under Review

P30AG031054 Burgio (PI) 04/01/2018 – 03/31/2023
 NIH \$3,418,509

Deep South Resource Center for Minority Aging Research

The Deep South Resource Center for Minority Aging Research (RCMAR) focuses and conducts research on health problems that are particularly prevalent among older African Americans and for which disparities in health between older African Americans and Whites have been identified, especially among rural older African Americans. As such, the overall purpose of the Deep South RCMAR is to reduce health disparities between African American and White older adults in the region of the country where the majority of older African Americans (AAs) live and health disparities have been particularly persistent. The ultimate goal will be to eliminate such disparities. The proposed new Core D (Analysis Core-AnC) will support the activities of the Deep South RCMAR in the areas of measurement and secondary data analysis.

Role: Co-Investigator Analysis Core

Merlin (PI of Parent R01) 07/01/2018 – 06/30/2023
 NIH \$1,337,098

Evaluation of the Efficacy, Mechanisms and Cost-Effectiveness of a Novel Intervention for Chronic Pain Tailored to People Living with HIV

Behavioral interventions for chronic pain among people living with HIV (PLWH) are an understudied area, with great potential to improve pain and function. Chronic pain is an important comorbidity that affects between 30% and 85% of PLWH and is associated with greater odds of functional impairment, increased emergency room utilization, suboptimal retention in HIV care, and failure to achieve virologic suppression. What is not known is how to optimally address chronic pain in this population. Opioids are a commonly used treatment for chronic pain particularly in PLWH. Opioid prescribing for chronic pain often does not result in substantial improvement in outcomes and contributes to the growing epidemic of opioid addiction and overdose. In contrast, behavioral interventions are among the most effective and safest treatments for chronic pain in the general population.

Role: Co-Investigator

Crowe (PI) 07/01/2018 – 06/30/2023
 NIH \$3,722,267

Aging in Puerto Rico: Longitudinal Follow-Up of the PREHCO Study

This project will gather an additional wave of data collection for an existing cohort of older adults in the Caribbean. Households across the main island of Puerto Rico were visited in order to identify the first population-based, island-wide sample of older adults (age 60+ years) for the Puerto Rican Elderly: Health Conditions (PREHCO) study¹¹. Data was collected at baseline and four-year follow-up for 3,165 participants. A wide range of measures relevant to health and aging, including in-home testing of cognitive and physical function, was collected in 2002-2003 and again in 2006-2007.

Role: Co-Investigator

Ball/McCaskill (PI) 10/01/2018 – 09/30/2019
 NIH \$TBD

Center for Translational Research on Aging and Mobility – Older Veterans EmpoweRed to use Regular Exercise (OVERTURE) II

The UAB CRAG is designed to evaluate the ways in which improved visual, attentional and cognitive functions enhance everyday activities, focusing on the area of mobility. The target population consists of community-dwelling older persons who have experienced some decline in these functions and for whom the interventions would likely improve mobility levels in daily life. The *Research Supplement to Promote Diversity in Health-Related Research* will enhance Dr. Gina McCaskill's research by allowing her the protected time to further her research on improving the health-related quality of life and well-being of older veterans, as well as provide opportunities for her to receive advanced training on applied gerontology and translational science. Salary support has been requested for Dr. Clay to provide support with statistical analyses and dissemination of findings.

Role: Co-Investigator/Statistician

Grant Application (R01) in Preparation for June 2018 Cycle

Clay (PI) 07/01/2018 – 06/30/2023
 NIH \$TBD

Associations of Mobility and Physical Function with Longitudinal Outcomes within older African Americans and Caucasians

Numerous studies have shown the importance of maintaining physical functioning within older adults. The current investigation will utilize the NIH Health Disparities Research Framework to identify individuals at-risk for mobility and ADL limitation. Additionally, life-space mobility and ADL limitation as well as social determinants of health (SDoH) and biological factors will be assessed as predictors of cognitive decline, dementia/Alzheimer's disease (AD) diagnosis, admission into a long-term care facility, and mortality.

Previous Grant Submissions

Pisu / Crowe (PI)
 CDC \$600,000

Examining the Impact of Cognitive Impairment on Co-occurring Chronic Conditions

The intent of this project was to gather information and resources that could assist public health practitioners to articulate the effects of cognitive impairment on public health strategies and policies, in particular the design and delivery of evidence-based health-promotion and chronic disease self-management programs.

Role: Co-Investigator / Statistician

Ball (PI)
NIH \$12,132,648

Promoting Safe Mobility Among At-Risk Older Adults (P01)

This Program Project Grant was designed to complement and expand upon the existing UAB Roybal Center. The goal was to understand the degree to which declining functional activities jeopardize an individual's ability to drive, as well as understanding which interventions to extend safe driving are effective, why are they effective, how best to deliver them, and the cost and benefits associated with intervening.

Role: Co-Investigator

Dale (PI) 07/01/2013 – 06/30/2016
NSF \$525,000

Collaborative Proposal: Alliances for Graduate Education and the Professoriate - Transformation (AGEP-T)

The Alabama Collaborative is designed to support the AGEP goal: To develop, implement and study innovative evidence-based models and standards of STEM graduate education (including the social sciences) and postdoctoral training experiences designed to improve under-represented minority participation, preparation and success in STEM graduate education and postdoctoral training.

Role: Co-Investigator

1R03DK101636-01 Clay (PI) 04/01/2014 – 03/31/2016
NIH \$362,001

Determining the Longitudinal Effects of Multiple Morbidities among Older Adults

The present application seeks to synthesize the existing scientific literature regarding the relationship between multiple morbid conditions and physical and mental health outcomes in older adults into a comprehensive literature review and use advanced analytical approaches to examine the relationships between multiple morbidities and longitudinal outcomes, particularly the factors that mediate and moderate this relationship.

P30AG053775 Roberson (PI) 07/01/2016 – 06/30/2021
NIH \$8,641,467

UAB Alzheimer's Disease Center

The Outreach and Recruitment (OR) Core will serve the overall goals of the UAB ADC by interacting with each of its other cores to promote the Center's mission. Our outreach, recruitment, and retention activities will use staff functions and resources provided by the Administrative Core. We will support the aims of the Clinical Core, the Neuropathology Core, and the Research and Education Core (REC) by developing outreach, recruitment, and educational activities appropriate to the literacy levels of our diverse communities, with content areas including dementia risk factors, dementia care and caregiver health, the value of research participation, and the importance of tau imaging, serum and cerebrospinal fluid banking, and brain donation.

Role: Co-Investigator Outreach and Recruitment Core

P30 AG022838 Ball/Clay (PI)
NIH

10/01/06 – 09/30/17
\$66,885

Aging Research to Address Health Disparities (Supplement to Center for Translational Research on Aging and Mobility)

Supplement to allow Dr. Olivio J. Clay to utilize data collected as a part of the UAB Study of Aging to examine health disparities within older African Americans and Caucasians while additionally addressing issues associated with the purpose of the UAB Roybal Center. The specific aims include: (1) to assess the relationships between social determinants of health and health conditions among older African American and Caucasian Medicare beneficiaries, (2) to examine the relationships between social determinants of health and longitudinal outcome measures among the sample of older adults, and (3) to examine the relationships between health conditions and longitudinal outcome measures among older African American and Caucasian Medicare beneficiaries. The focus of this work is to identify social determinants of health that are related to poor health outcomes and to identify clusters of medical conditions that put individuals at risk for poor health outcomes.

References

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