

Brent W. Roberts
Vita
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The University of Illinois
Department of Psychology
603 East Daniel Street
Champaign, Il 61820

Work: (217) 333-2644
Home: (217) 398-2013
E-mail: bwrobrts@illinois.edu

DEGREES EARNED

BA Psychology, University of California at San Diego, 1986
Ph.D. Psychology, University of California at Berkeley, 1994

AREAS OF SPECIALIZATION

Personality development in adulthood
Personality and health
Personality assessment

PROFESSIONAL EXPERIENCE

1994 - 1999 Assistant Professor, Department of Psychology, University of Tulsa
1999 - Assistant to Full Professor, Department of Psychology
The University of Illinois at Urbana-Champaign
2005 - 2018 Neuroscience Faculty, University of Illinois at Urbana-Champaign
2011 - Affiliate of the Institute of Genomic Biology, University of Illinois at
Urbana-Champaign
2013 - Distinguished Guest Professor, University of Tübingen, Tübingen
Germany
2017- Distinguished Guest Professor, Hector Institute, University of Tübingen
2018- President, Association for Research in Personality
2018- Associate Member, Center for the Economics of Human Development
2019 Direct of the Center for Social and Behavioral Science at the University of
Illinois, Urbana-Champaign

PROFESSIONAL MEMBERSHIPS

Society for Personality and Social Psychology
Association for Research in Personality
American Psychological Association
Association for Psychological Science

HONORS AND AWARDS

- 1995 J. S. Tanaka Dissertation Award for methodological and substantive contributions to the field of personality psychology
- 2000 Best paper published in the *Journal of Research in Personality*
- 2003 University of Illinois Alumni Discretionary Award
- 2007 Society for Personality and Social Psychology Carol and Ed Diener Mid-Career Award for Personality Psychology
- 2008 List of Teachers Ranked as Excellent by their students
- 2008 Appointed as a Richard and Margaret Romano Professorial Scholar
- 2009 List of Teachers Ranked as Excellent by their students
- 2009 Elected a Fellow of the American Psychological Association
- 2009 Elected a Fellow of the Society for Personality and Social Psychology
- 2010 American Psychological Foundation's Theodore Millon Mid-Career Award in Personality Psychology
- 2011 List of Teachers Ranked as Excellent by their students
- 2012 Named Distinguished Guest Professor, University of Tübingen, Germany
- 2012 Henry Murray Award from the American Psychological Association and the Society for Personology
- 2013 Elected a Fellow of the Association of Psychological Science
- 2014 Named an Associate of the Center for Advanced Study, University of Illinois, Urbana-Champaign
- 2016 Named to the Clarivate Analytics Highly Cited Researchers list for 2016
- 2017 Best paper published in the *Journal of Research in Personality* in 2015
- 2017 Named to the Clarivate Analytics Highly Cited Researchers list for 2017
- 2017 Awarded an Honorary Doctoral Degree in Psychology by the University of Basel
- 2018 Distinguished Scientist Lecturer, American Psychological Association
- 2019 Jack Block Award for Distinguished Research in Personality

EDITORIAL POSITIONS

- Associate Editor, *Journal of Research in Personality*, 2003—2006
- Editor, special issue of the *Journal of Personality: Contextualized Identities: Integrating Self-in-Context to Traditional Issues in Personality Psychology*, 2007
- Associate Editor, *Psychological Science*, 2016--2019

EDITORIAL BOARDS

- Journal of Personality and Social Psychology*, 2000--2013
- Journal of Research in Personality*, 1998-
- Personality and Social Psychology Bulletin*, 1999--2002
- International Journal of Selection and Assessment*, 2001—2010
- Journal of Personality*, 2003-2004
- Personality and Social Psychology Review*, 2006—2018
- Perspectives on Psychological Science*, 2007--2010

REVIEW PANELS

National Institutes of Health Risk, Prevention and Health Behavior IRG (RPHB-4; 2001)
National Institutes of Health Social, Personality, and Interpersonal Processes IRG (2007-2011)

ADVISORY PANELS

1997 National Longitudinal Survey of Youth Advisory Panel (2008-)
Health and Retirement Study Data Monitoring Committee (2010-)
APA DSMV task force on adaptive traits (2010-2012)
National Institute of Aging task force on Conscientiousness, Health, and Aging (2009-2013)
OECD Advisory group for the Programme for the International Assessment of Adult Competencies (PIACC) (2016-2019)
OECD Advisory group for the Study on the Development of Socio-Emotional Skills (2018--)

PUBLICATIONS

1. Helson, R., & Roberts, B.W. (1992). Personality of young adult couples and wives' work patterns. *Journal of Personality*, 60, 575-597.
2. Donahue, E. M., Robins, R. W., Roberts, B. W., & John, O. P. (1993). The divided self: Concurrent and longitudinal effects of psychological adjustment and social roles on self-concept differentiation. *Journal of Personality and Social Psychology*, 64, 834-846.
3. Helson, R., & Roberts, B. W. (1994). Ego development and personality change in adulthood. *Journal of Personality and Social Psychology*, 66, 911-920.
4. Roberts, B. W., & Donahue, E. M. (1994). One personality, multiple selves: Integrating personality and social roles. *Journal of Personality*. 62, 201-218.
5. Covington, M., & Roberts, B. W. (1994). Self-worth and college achievement: Motivational and personality correlates. In P.R. Pintrich, D. Brown, & C.E. Weinstein (Eds.), *Perspectives on Student Motivation, Cognition, and Learning: Essays in Honor of Wilbert J. McKeachie* (pp. 157-187). New Jersey: Lawrence Erlbaum Associates.
6. Bernstein, D., & Roberts, B. W. (1995). Assessing dreams through self-report questionnaires: Relations with past research, sleep, and personality. *Journal of Dreaming*, 5, 13 - 27.
7. Helson, R., Roberts, B. W., & Agronick, G. (1995). Enduringness and change in creative personality and the prediction of occupational creativity. *Journal of Personality and Social Psychology*, 69, 1173 - 1183.
8. Hogan, R., Hogan, J., & Roberts, B. (1996). Personality measurement and employment decisions: Questions and answers. *American Psychologist*, 51, 469-477.
9. Hogan, J., & Roberts, B. (1996). Issues and non-issues in the fidelity/bandwidth tradeoff. *Journal of Organizational Behavior*, 17, 627-637.

10. Roberts, B.W., & Helson, R. (1997). Changes in culture, changes in personality: The influence of individualism in a longitudinal study of women. *Journal of Personality and Social Psychology*, 72, 641-651.
11. Roberts, B.W. (1997). Plaster or plasticity: Are work experiences associated with personality change in women? *Journal of Personality*, 65, 205-232.
12. Brod, M., Mendelsohn, G., & Roberts, B.W. (1998). Patient's experience of Parkinson's Disease. *Journal of Gerontology: Psychological Science*, 53, 213-222.
13. Roberts, B. W., & Friend, W. (1998). Career momentum in midlife women: Life context, identity, and personality correlates. *Journal of Occupational Health Psychology*, 3, 195-208.
14. Caspi, A. & Roberts, B.W. (1999). Personality change and continuity across the life course. In L. A. Pervin & O. P. John, *Handbook of Personality Theory and Research* (Vol. 2, pp. 300 - 326). New York: Guilford Press.
15. Roberts, B.W., & Chapman, C. (2000). Change in dispositional well-being and its relation to role quality: A 30-year longitudinal study. *Journal of Research in Personality*, 34, 26-41.
16. Hogan, R. T. & Roberts, B.W. (2000). A Socioanalytic perspective on person/environment interaction. In W. B. Walsh, K. H. Craik, & R. H. Price (Eds.), *New directions in person-environment psychology* (pp. 1-24) Mahway, NJ: Earlbaum.
17. Roberts, B.W., & DelVecchio, W. F. (2000). The rank-order consistency of personality from childhood to old age: A quantitative review of longitudinal studies. *Psychological Bulletin*, 126, 3-25.
18. Roberts, B.W., & Robins, R. W. (2000). Broad dispositions, broad aspirations: The intersection of the Big Five dimensions and major life goals. *Personality and Social Psychology Bulletin*, 26, 1284-1296.
19. Roberts, B.W., & Hogan, R. (2001). *Personality Psychology in the Workplace*. Washington, DC: American Psychological Association.
20. Hogan, R., & Roberts, B.W. (2001). Personality and I/O psychology. In B.W. Roberts & R. T. Hogan (Eds.), *Personality Psychology in the Workplace* (p. 3-18). Washington, DC: American Psychological Association.
21. Caspi, A., & Roberts, B.W. (2001). Personality development across the life span: The argument for change and continuity. *Psychological Inquiry*, 12, 49-66.
22. Roberts, B.W., & Caspi, A. (2001). Personality development and the person-situation debate: It's déjà vu all over again. *Psychological Inquiry*, 12, 104-109.
23. Roberts, B.W. (2001). Motives, values, preferences inventory. In B. S. Plake & J. C. Impara (Eds.), *The Fourteenth Mental Measurements Yearbook* (pp. 781-783). Lincoln, NE: Buros Institute of Mental Measurements.
24. Roberts, B.W. (2001). Sales Achievement Predictor. In B. S. Plake & J. C. Impara (Eds.), *The Fourteenth Mental Measurements Yearbook* (pp. 1049-1051). Lincoln, NE: Buros Institute of Mental Measurements.

25. Robins, R.W., Fraley, C., Roberts, B.W., & Trzesniewski, K. (2001). A longitudinal study of personality change in young adulthood. *Journal of Personality*, 69, 617-640.
26. Roberts, B.W., Caspi, A., & Moffitt, T. (2001). The kids are alright: Growth and stability in personality development from adolescence to adulthood. *Journal of Personality and Social Psychology*, 81, 670-683.
27. Roberts, B.W., Helson, R., & Klohnen, E. C. (2002). Personality development and growth in women across 30 years: Three perspectives. *Journal of Personality*, 70, 79-102.
28. Roberts, B.W., & Caspi, A. (2003). The cumulative continuity model of personality development: Striking a balance between continuity and change in personality traits across the life course. R. M. Staudinger & U. Lindenberger (Eds.), *Understanding Human Development: Lifespan Psychology in Exchange with Other Disciplines* (pp. 183-214). Dordrecht, NL: Kluwer Academic Publishers.
29. Roberts, B.W., Caspi, A., & Moffitt, T. (2003). Work experiences and personality development in young adulthood. *Journal of Personality and Social Psychology*, 84, 582-593.
30. Roberts, B.W. (2003). Organizational behavior management and personality psychology: Reunited and it feels so good? *Journal of Organizational Behavior Management*, 22, 59-70.
31. Roberts, B.W., Robins, R. W., Caspi, A., Trzesniewski, K. (2003). Personality trait development in adulthood. In J. Mortimer & M. Shanahan (Ed.). *Handbook of the Life Course* (pp. 579-598). New York, NY: Kluwer Academic.
32. Roberts, B.W., & Robins, R. W. (2004). A longitudinal study of person-environment fit and personality development. *Journal of Personality*, 72, 89-110.
33. Roberts, B.W., Bogg, T., Walton, K., Chernyshenko, O., & Stark, S. (2004). A lexical approach to identifying the lower-order structure of conscientiousness. *Journal of Research in Personality*, 38, 164-178.
34. Roberts, B.W., & Bogg, T. (2004). A 30-year longitudinal study of the relationships between conscientiousness-related traits, and the family structure and health-behavior factors that affect health. *Journal of Personality*, 72, 325-354.
35. Trzesniewski, K. H., Robins, R. W., Roberts, B.W., & Caspi, A. (2004). Personality and self-esteem development across the lifespan. In P. T. Costa, Jr. and I. C. Siegler (Eds), *Recent advances in psychology and aging* (pp. 163-185). Amsterdam, The Netherlands: Elsevier Science.
36. Hogan, R., & Roberts, B.W. (2004). A socioanalytic model of maturity. *Journal of Career Assessment*, 12, 207-217.
37. Roberts, B.W., O'Donnell, M., & Robins, R. W. (2004). Goal and personality development. *Journal of Personality and Social Psychology*, 87, 541-550.
38. Bogg, T. & Roberts, B.W. (2004). Conscientiousness and health behaviors: A meta-analysis of the leading behavioral contributors to mortality. *Psychological Bulletin*, 130, 887-919.

39. Walton, K., & Roberts, B.W. (2004). On the relationship between substance use and personality traits: Abstainers are not maladjusted. *Journal of Research in Personality*, 38, 515-535.
40. Roberts, B.W., & Pomerantz, E. M. (2004). On traits, situations, and their integration: A developmental perspective. *Personality and Social Psychology Review*, 8, 402-416.
41. Roberts, B.W., Wood, D., & Smith, J. L. (2005). Evaluating Five Factor Theory and social investment perspectives on personality trait development. *Journal of Research in Personality*, 39, 166-184.
42. Fraley, C., & Roberts, B.W. (2005). Patterns of continuity: A dynamic model for conceptualizing the stability of individual differences in psychological constructs across the life course. *Psychological Review*, 112, 60-74.

Reprinted in Boyle, G., Saklofske, D.H., & Matthews, G., (2012). *Psychological Assessment*. Sage Publications.
43. Caspi, A., Roberts, B.W., Shiner, R. (2005). Personality development. *Annual Review of Psychology*, 56, 453-484.
44. Roberts, B.W., Chernyshenko, O., Stark, S. & Goldberg, L. (2005). The structure of conscientiousness: An empirical investigation based on seven major personality questionnaires. *Personnel Psychology*, 58, 103-139.
45. Robins, R.W., Nofhle, E. E., Trzesniewski, K. H., & Roberts, B. W. (2005). Do people know how their personality has changed: Correlates of perceived and actual personality change in young adulthood. *Journal of Personality*, 73, 489-521.
46. Roberts, B.W., Walton, K., & Bogg, T. (2005). Conscientiousness and health across the life course. *Review of General Psychology*, 9, 156-168.
47. Low, D. K., S., Yoon, M., Roberts, B.W., & Rounds. J. (2005). The stability of interests from early adolescence to middle adulthood: A quantitative review of longitudinal studies. *Psychological Bulletin*, 131, 713-737.
48. Roberts, B.W. (2005). Blessings, banes, and possibilities in the study of childhood personality. *Merrill Palmer Quarterly*, 51, 367-378.
49. Roberts, B.W., Harms, P.D., Lodi-Smith, J., Wood, D. & Webb, M. (2006). Methods in personality psychology. In Eid, M. & Diener, E. (Eds.). *Handbook of Psychological Assessment: A Multimethod Perspective (Chapter22, pp. 321-335)*. Washington, D.C.: American Psychological Association.
50. Roberts, B.W., Walton, K. & Viechtbauer, W. (2006). Patterns of mean-level change in personality traits across the life course: A meta-analysis of longitudinal studies. *Psychological Bulletin*, 132, 1-25.

Reprinted in Boyle, G., Saklofske, D.H., & Matthews, G., (2012). *Psychological Assessment*. Sage Publications.
51. Roberts, B.W., Walton, K., & Viechtbauer, W. (2006). Personality changes in adulthood: Reply to Costa & McCrae (2006). *Psychological Bulletin*, 132, 29-32.

Reprinted in Boyle, G., Saklofske, D.H., & Matthews, G., (2012). *Psychological Assessment*. Sage Publications.

52. Roberts, B.W., & Wood, D. (2006). Personality development in the context of the Neo-Socioanalytic Model of personality (Chapter 2, pp. 11-39). In D. Mroczek & T. Little (Eds.), *Handbook of Personality Development*. Mahwah, NJ: Lawrence Erlbaum Associates.
53. Wood, D., & Roberts, B.W. (2006). Cross-sectional and longitudinal tests of the personality and role identity structural model (PRISM). *Journal of Personality*, 74, 779- 809.
54. Roberts, B.W. (2006). Personality development and organizational behavior (Chapter 1, pp 1-41). In B. M. Staw (Ed.). *Research on Organizational Behavior*. New York, NY; Elsevier Science/JAI Press.
55. Chuah, S.C., Drasgow, F., & Roberts, B.W. (2006). Personality assessment: Does the medium matter? No. *Journal of Research in Personality*, 40, 359-376.
56. Harms, P.D., Roberts, B.W., & Winter, D. (2006). Becoming the Harvard man: Person-environment fit, personality development, and academic success. *Personality and Social Psychology Bulletin*, 32, 851-865.
57. Roberts, B.W. (2006). From kindling to conflagration: Self-regulation and personality change. In K.W. Schaie & L.L. Carstensen (Eds.), *Social structures, aging and self-regulation in the elderly* (pp. 85-94). New York, NY; Springer Publishing Company.
58. Wood, D., & Roberts, B.W. (2006). The effect of age and role information on expectations for Big Five personality traits. *Personality and Social Psychology Bulletin*, 32, 1482-1496.
59. Harms, P., Roberts, B.W., Wood, D. Bureau, D., & Green, A. M. (2006). Perceptions of leadership in fraternal organizations. *Oracle*, 2, 81-94.
60. Roberts, B.W., Bogg, T., Walton, K., & Caspi, A. (2006). De-investment in work and non-normative personality trait change in young adulthood. *European Journal of Personality*, 20, 461-474.
61. Lodi-Smith, J.L. & Roberts, B.W. (2007). Social Investment and Personality: A meta-analytic analysis of the relationship of personality traits to investment in work, family, religion, and volunteerism. *Personality and Social Psychology Review*, 11, 68-86.
62. Chernyshenko, O.S., Stark, S., Drasgow, F., & Roberts, B.W. (2007). Constructing personality scales under the assumption of an ideal point response process: Toward increasing the flexibility of personality measures. *Psychological Assessment*, 19, 88-106.
63. Harms, P.D., Roberts, B.W., & Wood, D. (2007). Who shall lead? An integrative personality approach to the study of the antecedents of status in informal social organizations. *Journal of Research in Personality*, 41, 689-699.
64. Roberts, B. W., Kuncel, N., Bogg, T., & Viechtbauer, W. (2007). Meta-analysis in personality psychology (Ch. 36, pp 652-672). In R. W. Robins, R. C. Fraley, & R. F. Krueger (Eds.), *Handbook of Research Methods in Personality Psychology*. New York, NY: Guilford Press.

65. Roberts, B.W., Harms, P.D., Caspi, A., & Moffitt, T.E. (2007). Can we predict the counterproductive employee? Evidence from a child-to-adult prospective study. Evidence from a 23-year longitudinal study. *Journal of Applied Psychology*, 92, 1427-1436.
66. Roberts, B. W. (2007). Contextualizing personality psychology. *Journal of Personality*, 75, 1071-1081.
67. Roberts, B. W., Kuncel, N., Shiner, R., N., Caspi, A., & Goldberg, L. R. (2007). The power of personality: The comparative validity of personality traits, socio-economic status, and cognitive ability for predicting important life outcomes. *Perspectives in Psychological Science*, 2, 313-345.
68. Edmonds, G., Jackson, J. J., Fayard, J. V., & Roberts, B.W. (2008). Is character fate, or is there hope to change my personality yet? *Social and Personality Psychology Compass*, 2, 399-413.
69. Roberts, B.W. & Mroczek, D. (2008). Personality trait change in adulthood. *Current Directions in Psychological Science*, 17, 31-35.
Reprinted in Funder, D.C., & Ozer, D.J. (2010). *Pieces of the personality puzzle* (pp. 119-125). Norton.
70. Bogg, T, Webb, M.L., Wood, D., & Roberts, B.W. (2008). A Hierarchical investigation of personality and behavior: examining Neo-Socioanalytic models of health-related outcomes. *Journal of Research in Personality*, 42, 183–207.
71. Orth, U., Robins, R.W., & Roberts, B.W. (2008). Low self-esteem prospectively predicts depression in adolescence and young adulthood. *Journal of Personality and Social Psychology*, 95, 695-708.
72. Roberts, B.W., Wood, D, & Caspi, A. (2008). The development of personality traits in adulthood. In O.P. John, R.W. Robins, & L. A. Pervin (Eds.), *Handbook of personality: theory and research* (3rd edition, Ch 14, pp. 375-398). New York, NY: Guilford.
73. Walton, K.E., Roberts, B.W., Krueger, R. F., Blonigen, D.M., & Patrick, C. J. (2008). Capturing abnormal personality with normal personality inventories: An item response theory approach. *Journal of Personality*, 76, 1623-1647.
74. Roberts, B. W., & Jackson, J. J. (2008). Sociogenomic personality psychology. *Journal of Personality*, 76, 1523-1544.
75. Nye, C., Roberts, B.W. Saucier, G., & Zhou, X. (2008). Testing the measurement equivalence of personality adjective items across cultures. *Journal of Research in Personality*, 42, 1524-1536
76. Jackson, J.J., Bogg, T., Walton, K., Wood, D., Harms, P. D., Lodi-Smith, J. L., & Roberts, B.W. (2009). Not all conscientiousness scales change alike: A multi-method, multi-sample study of age differences in the facets of conscientiousness. *Journal of Personality and Social Psychology*, 96, 446-459.
77. Lodi-Smith, J. L., Geise, A. C., Roberts, B. W., & Robins, R. W. (2009). Narrating personality change: Antecedences and consequences of personality change narratives in young adulthood. *Journal of Personality and Social Psychology*, 96, 679-689.

78. Roberts, B.W. (2009). Back to the Future: *Personality and Assessment* and personality development. *Journal of Research in Personality*, 43, 137-145.
79. Roberts, B.W., Smith J., Jackson, J.J., & Edmonds, G. (2009). Compensatory conscientiousness and health in older couples. *Psychological Science*, 20, 553-559.
80. Roberts, B.W., Jackson, J.J., Berger, J., & Trautwein, U. (2009). Conscientiousness and externalizing psychopathology: Overlap, developmental patterns, and etiology of two related constructs. *Development and Psychopathology*, 21, 871-888.
81. Fayard, J.V., Bassi, A.K., Bernstein, D.M., & Roberts, B.W. (2009). Is cleanliness next to godliness? Dispelling old wives' tales: Failure to replicate Zhong and Liljenquist (2006). *Journal of Articles in Support of the Null Hypothesis*, 6, 21-29.
82. Roberts, B.W., Jackson, J. J., Fayard, J.V., Edmonds, G., & Meints, J. (2009). Conscientiousness (Chapter 25, pp 369-381). In M. Leary & R. Hoyle (Eds.), *Handbook of individual differences in social behavior*. New York, NY: Guilford.
83. Edmonds, G.E., Bogg, T., & Roberts, B.W. (2009). Are personality and behavioral measures of impulse control convergent or distinct predictors of health behaviors? *Journal of Research in Personality*, 43, 806-814.
84. Trautwein, U., Lüdtke, O., Roberts, B.W., Schnyder, I., & Niggli, A. (2009). Different forces, same consequence: Conscientiousness and competence beliefs are independent predictors of academic effort and achievement. *Journal of Personality and Social Psychology*, 97, 1115-1128.
85. Roberts, B.W., Edmonds, G.E., & Grijalva, E. (2010). It is developmental me not generation me: Developmental changes are more important than generational changes in narcissism. *Perspectives in Psychological Science*, 5, 97-102.
86. Lodi-Smith, J.L., Jackson, J. J., Bogg, T., Walton, K., Wood, D., Harms, P. D., & Roberts, B. W. (2010). Mechanisms of health: Education and health-related behaviors partially mediate the relationship between conscientiousness and self-reported physical health. *Psychology and Health*, 25, 305-319.
87. Jackson, J.J., Wood, D., Bogg, T., Walton, K.E., Harms, P.D., & Roberts, B.W. (2010). What do conscientious people do? Development and validation of the Behavioral Indicators of Conscientiousness (BIC). *Journal of Research in Personality*, 44, 501-511.
88. Jackson, J.J., Hill, P.L., & Roberts, B.W. (2010). Interactionism in personality and social psychology: A whole that is less than the sum of its parts. *European Journal of Personality*, 24, 495-497.
89. Lodi-Smith, J.L., & Roberts, B.W. (2010). The structure and function of self-concept clarity across the lifespan. *Journal of Personality*, 78, 1383-1410.
90. Voss, M., Kramer, A., Basak, C., Prakash, R., & Roberts, B.W. (2010). Are expert athletes "expert" in the cognitive laboratory? A meta-analytic review of basic attention and perception and sport expertise. *Applied Cognitive Psychology*, 24, 812-826.
91. Hill, P.L., & Roberts, B.W. (2010). Propositions for the study of moral personality development. *Current Directions in Psychological Science*, 19, 380-383.

92. Moffitt, T.E., Arseneault, L., Belsky, D., Dickson, N., Hancox, R.J., Harrington, H.L., Houts, R., Poulton, R., Roberts, B.W., Ross, S., Sears, M.R., Thomson, W.M., & Caspi, A. (2011) A gradient of childhood self-control predicts health, wealth, and public safety. *Proceedings from the National Academy of Sciences*, 108, 2693-2698.
93. Hill, P.L., Jackson, J.J., Roberts, B.W., Lapsley, D.K., & Brandenberger, J.W. (2011). Change you can believe in: Changes in goal-setting during emerging and young adulthood predict later adult well-being. *Social Psychological and Personality Science*, 2, 123-131.
94. Hill, P.L., Roberts, B.W., Grogger, J.T., Guryan, J., & Sixkiller, K. (2011). Decreasing delinquency, criminal behavior, and recidivism by intervening on psychological factors other than cognitive ability: A review of the intervention literature (Chapter 9). In P.J. Cook, J. Ludwig, & J. McCrary (Eds.). *Making crime control pay: Cost-effective alternatives to incarceration*. (Chap 8, pp. 367-406) Chicago, IL: University of Chicago Press.
95. Denissen, J.J.A., van Aken, M.A.G., & Roberts, B.W. (2011). Personality development across the life span. In Chamorro-Premuzic, T., von Stumm, S. and Furnham, A. (Eds.), *Handbook of Individual Differences* (Chap 3, pp. 77-100). Oxford, England: Wiley-Blackwell.
96. Roberts, B.W. Jackson, J. J., Duckworth, A. & Von Culin, K. (2011). Personality measurement and assessment in large panel surveys. *Forum for Health Economics and Policy*, 14.
97. Lüdtke, O., Roberts, B.W., Trautwein, U., & Nagy, G. (2011). A random walk down university avenue: Life paths, life events, and personality trait change at the transition to university life. *Journal of Personality and Social Psychology*, 101, 620-637.
98. Hill, P. L., & Roberts, B.W. (2011). Examining “Developmental Me”: A Review of narcissism as a lifespan construct. In Campbell, W.K., & Miller J.D., (Eds). *Handbook of Narcissism (Chapter 17, pp. 191-201)*. New York, NY: Wiley.
99. Hill, P. L., Turiano, N. A., Hurd, M. D., Mroczek, D.K., & Roberts, B.W. (2011). Conscientiousness and longevity: An examination of possible mediators. *Health Psychology*, 30, 536-541.
100. Hill, P.L., & Roberts, B.W. (2011). The role of adherence in the relationship between conscientiousness and perceived health. *Health Psychology*, 30, 797-804.
101. Roberts, B.W., & Takahashi, Y. (2011). Personality trait development in adulthood: Patterns and implications. *Japanese Journal of Personality*, 20, 1-8.
102. Chapman, B.P., Roberts, B.W., & Duberstein, P. (2011). Personality and longevity: Knowns, unknowns, and implications for public health and personalized medicine. *Journal of Aging Research*.
103. Jackson, J.J., Hill, P.L., & Roberts, B.W. (2011). Sociogenomic theory as an answer to the heritability problem. *European Journal of Personality*, 25, 274-276.
104. Hill, P.L., & Roberts, B.W. (2011). Narcissism, well-being, and observer-rated personality across the lifespan. *Social Psychological and Personality Science*, 3, 216-233

105. Takahashi, Y., Ozaki, K., Roberts, B. W., & Ando, J. (2011). Can low behavioral activation system predict depressive mood? An application of non-normal structural equation modeling. *Japanese Psychological Research*, 54, 170-181.
106. Fayard, J.V., Roberts, B.W., Robins, R.W., & Watson, D. (2012). Uncovering the affective core of conscientiousness: The role of self-conscious emotions. *Journal of Personality*, 80, 1-32.
107. Payne, B.R., Jackson, J.J., Hill, P.L., Gao, X., Roberts, B.W., & Stine-Morrow, E.A.L. (2012). Memory self-efficacy predicts responsiveness to inductive reasoning training in older adults. *Journal of Gerontology: Psychological Sciences*, 67, 27-35.
108. Jackson, J.J., Hill, P.L., & Roberts, B.W. (2012). Misconceptions of traits continue to persist: A response to Bandura. *Journal of Management*, 38, 745-752.
109. Hudson, N.W., Roberts, B.W., & Lodi-Smith, J. (2012). Personality trait development and social investment at work. *Journal of Research in Personality*, 46, 334-344.
110. Takahashi, Y., Roberts, B.W., & Hoshino, T. (2012). Conscientiousness mediates the relation between perceived parental socialization of responsibility and self-rated health. *Psychology and Health*, 27, 1048-1061.
111. Turiano, N.A., Whiteman, S.D., Hampson, S.E., Roberts, B.W., & Mroczek, D.K. (2012). Personality and substance use in midlife: The moderating effects of conscientiousness. *Journal of Research in Personality*, 46, 295-305.
112. Jackson, J.J., Hill, P.L., Payne, B.R., Roberts, B.W., Stine-Morrow, E.A.L. (2012). Can an old dog learn (and want to experience) new tricks? Cognitive training increases openness to experience in older adults. *Psychology and Aging*, 27, 286-292.
113. Parker, P.D., Lüdtke, O., Trautwein, U., & Roberts, B.W. (2012). Personality and relationship quality during the transition from high school to early adulthood. *Journal of Personality*, 80, 1061-1089.
114. Lodi-Smith, J., & Roberts, B.W. (2012). Concurrent and prospective relationships between social engagement and personality traits in older adulthood. *Psychology and Aging*, 27, 720-727.
115. Roberts, B.W., Donnellan, M.B., & Hill, P.L. (2012). Personality trait development in adulthood: Findings and implications. H. Tennen & J. Suls (Eds.), *Handbook of Psychology* (2nd Edition; Chapter 9, pp 183-196). Wiley, Inc.
116. Eaton, N.R., Krueger, R.F., South S., Greunewald, T.L., Seeman, T., & Roberts, B.W. (2012). Genes, environments, personality, and successful aging: Toward a comprehensive developmental model in later life. *Journal of Gerontology: Medical Sciences*, 67, 480-488.
117. Hill, P.L., Turiano, N.A., Mroczek, D.K., & Roberts, B.W. (2012). Examining concurrent and longitudinal relations between personality traits and social well-being in adulthood. *Social Psychological and Personality Science*, 3, 698-705.
118. Turiano, N. A., Hill, P. L., Roberts, B. W., Spiro, Avron, I.,II, & Mroczek, D. K. (2012). Smoking mediates the effect of conscientiousness on mortality: The veterans' affairs normative aging study. *Journal of Research in Personality*, 46(6), 719-724.

119. Hill, P. L., Allemand, M., & Roberts, B. W. (2013). Being grateful means being healthy: Linking gratitude and self-reported physical health. *Personality and Individual Differences, 54*, 92-96.
120. Asendorpf, J. B., Conner, M., De Fruyt, F., De Houwer, J., Denissen, J. J. A., Fiedler, K., Fiedler, S., Funder, D. C., Kliegl, R., Nosek, B. A., Perugini, M., Roberts, B. W., Schmitt, M., van Aken, M. A. G., Weber, H., & Wicherts, J. M. (2013). Recommendations for increasing replicability in psychology. *European Journal of Personality, 27*, 108-119.
121. Asendorpf, J. B., Conner, M., De Fruyt, F., De Houwer, J., Denissen, J. J. A., Fiedler, K., Fiedler, S., Funder, D. C., Kliegl, R., Nosek, B. A., Perugini, M., Roberts, B. W., Schmitt, M., van Aken, M. A. G., Weber, H., & Wicherts, J. M. (2013). Replication is more than hitting the lottery twice. *European Journal of Personality, 27*, 120-144.
122. Bogg, T., & Roberts, B.W. (2013). The case for conscientiousness: Evidence and implications for a personality trait marker of health and longevity. *Annals of Behavioral Medicine, 1*-11.
123. Bogg, T., & Roberts, B.W. (2013). Duel or diversion? Conscientiousness and executive function in the prediction of health and longevity. *Annals of Behavioral Medicine, 1*-2.
124. Chapman, B.P., Roberts, B.W. Lyness, J., & Duberstein, P. (2013). Personality and physician-assessed illness burden in older primary care patients over four years. *American Journal of Geriatric Psychiatry, 21*, 737-746.
125. Pozzebon, J., Damian, R.I., Hill, P.L., Lin, Y., Lapham, S. & Roberts, B.W. (2013). Establishing the validity and reliability of the Project Talent Personality Inventory. *Frontiers in Psychology, 4*, doi: 10.3389/fpsyg.2013.00968.
126. Takahashi, Y., Edmonds, G.E., Jackson, J.J., & Roberts, B.W. (2013). Longitudinal correlated changes in conscientiousness, preventative health-related behaviors, and self-perceived physical health. *Journal of Personality, 81*, 417-427.
127. Nye, C. D., & Roberts, B. W. (2013). A developmental perspective on the importance of personality for understanding workplace behavior. *Handbook of personality at work, 796*-818.
128. Magidson, J. F., Roberts, B. W., Collado-Rodriguez, A., & Lejuez, C. W. (2014). Theory-driven intervention for changing personality: Expectancy value theory, behavioral activation, and conscientiousness. *Developmental Psychology, 50*(5), 1442-1450.
129. Shanahan, M. J., Hill, P. L., Roberts, B. W., Eccles, J., & Friedman, H. S. (2014). Conscientiousness, health, and aging: The life course of personality model. *Developmental Psychology, 50*(5), 1407-1425.
130. Roberts, B. W., Lejuez, C., Krueger, R. F., Richards, J. M., & Hill, P. L. (2014). What is conscientiousness and how can it be assessed? *Developmental Psychology, 50*(5), 1315-1330.
131. Chow, P.I., & Roberts, B.W. (2014). Examining the Relationship between Changes in Personality and Changes in Depression. *Journal of Research in Personality, 51*, 38-46.

132. Israel, S., Moffitt, T. E., Belsky, D. W., Hancox, R. J., Poulton, R., Roberts, B., ... & Caspi, A. (2014). Translating personality psychology to help personalize preventive medicine for young adult patients. *Journal of Personality and Social Psychology, 106*(3), 484.
133. Chung, J. M., Robins, R. W., Trzesniewski, K. H., Nofhle, E. E., Roberts, B. W., & Widaman, K. F. (2014). Continuity and change in self-esteem during emerging adulthood. *Journal of Personality and Social Psychology, 106*(3), 469-483.
134. Hill, P.L., Payne, B.R., Roberts, B.W., & Stine-Morrow, E.A.L. (2014). Perceived social support predicts increased conscientiousness during older adulthood. *Journal of Gerontology: Psychological Sciences, 69*, 543-547.
135. Damian, R.I., & Roberts, B.W. (2014). Integrating post-traumatic growth into a broader model of life experiences and personality change. *European Journal of Personality, 28*, 332-361.
136. Shanahan, M.J. Bauldry, S., Roberts, B.W., Macmillan, R., Russo, R. (2014). Personality and the reproduction of social class. *Social Forces, 93*, 209-240.
137. Hudson, N.W. & Roberts, B.W. (2014). Goals to change personality traits: Concurrent links between personality traits, daily behavior, and goals to change oneself. *Journal of Research in Personality, 53*, 68-83.
138. Hill, P.L., Nickel, L.B., & Roberts, B.W. (2014). Are you in a healthy relationship?: Linking conscientiousness to health via implementing and immunizing behaviors. *Journal of Personality, 82*, 485-492.
139. Wagner, J., Lüdtke, O., Roberts, B.W., & Trautwein, U. (2014). Who belongs to me? Social relationship and personality characteristics in the transition to young adulthood. *European Journal of Personality, 28*, 93-110.
140. Stine-Morrow, E.A.L., Payne, B.R., Roberts, B.W., Kramer, A.F., Morrow, D.G., Payne, L., Hill, P.L., Jackson, J.J., Gao, X., Noh, S.R., & Janke, M.C. (2014). Training versus engagement as paths to cognitive enrichment with aging. *Psychology and Aging, 29*, 891-906.
141. Roberts, B.W. (2015). The perverse incentives that stand as a roadblock to scientific reform. In Mind Magazine, Issue 25. <http://www.in-mind.org/article/the-perverse-incentives-that-stand-as-a-roadblock-to-scientific-reform>
142. Donnellan, M.B., Hill, P.L., & Roberts, B.W. (2015). Personality development across the life span: Current findings and future directions. In Cooper, L. & Mikulincer, M. (Eds.). *Handbook of Personality and Social Psychology*, (107-126). American Psychological Association.
143. Hill, P.L., Allemand, M., & Roberts, B.W. (2015). Stability of behavior: Implications for research. In Zinbarg, R. (Ed), *Encyclopedia of Clinical Psychology*.
144. Mike, A., Harris, K., Roberts, B.W., & Jackson, J. J., 2015. Conscientiousness. In: J. Wright (editor-in-chief), *International Encyclopedia of the Social and Behavioral Sciences*, 2nd edition, Vol 4. Oxford: Elsevier. pp. 658-665.
145. Damian, R.I., Su, R., Shanahan, M., Trautwein, U. & Roberts, B.W. (2015). Can personality traits and intelligence compensate for background disadvantage? Predicting

- status attainment in adulthood. *Journal of Personality and Social Psychology*, 109, 473-489.
146. Hill, P.L., Roberts, B.W. (2015). Personality and health: Reviewing recent research and setting a directive for the future. In K.W. Schaie & S.L. Willis (Eds) *Handbook of the Psychology of Aging* (8th edition, Chapter 11, 206-219). Academic Press: NY, New York.
147. Spengler, M., Brunner, M., Damian, R.I., Martin, R., Lüdtke, O., & Roberts, B.W. (2015). Student characteristics and behaviors at age 12 predict occupational success 40 years later over and above childhood IQ and parental SES. *Developmental Psychology*, 51, 1329-1340.
148. Damian, R.I., & Roberts, B.W. (2015). Settling the debate on birth order and personality. *Proceedings from the National Academy of Science*, 112, 14,119-14,120.
149. Wilson, A. E., O'Connor, D. B., Lawton, R., Hill, P. L., & Roberts, B. W. (2015). Conscientiousness and fruit and vegetable consumption: exploring behavioural intention as a mediator. *Psychology, health & medicine*, 1-7.
150. Xu, Y., Beller, A. H., Roberts, B. W., & Brown, J. R. (2015). Personality and young adult financial distress. *Journal of Economic Psychology*, 51, 90-100.
151. Damian, R.I., & Roberts, B.W. (2015). The associations of birth order with personality and intelligence in a representative sample of U.S. high school students. *Journal of Research in Personality*, 58, 96-105.
152. Luo, J. & Roberts, B.W. (2015). Concurrent and longitudinal relations among conscientiousness, stress, and self-perceived health. *Journal of Research in Personality*, 59, 93-103.
153. Takahashi, Y., W. Roberts, B.W, Yamagata, S., & Kijima, N. (2015). Personality traits show differential relations with anxiety and depression in a nonclinical sample. *Psychologia*, 58(1), 15-26.
154. Schoenleber, M., Roche, M. J., Wetzel, E., Pincus, A. L., & Roberts, B. W. (2015). Development of a brief version of the Pathological Narcissism Inventory. *Psychological assessment*, 27(4), 1520.
155. Rieger, S., Göllner, R., Roberts, B.W., Trautwein, U. (2016). Low self-esteem prospectively predicts depression in the transition to young adulthood: A replication of Orth, Robins, and Roberts (2008). *Journal of Personality and Social Psychology*, 110, e16-e22 0022-3514/15/\$12.00 <http://dx.doi.org/10.1037/pspp0000037>
156. Roberts, B.W., & Davis, J.P. (2016). Young adulthood is the crucible of personality development. *Emerging Adulthood*, 1-9.
157. Ackerman, R. A., Donnellan, M. B., Roberts, B. W., & Fraley, R. C. (2016). The Effect of Response Format on the Psychometric Properties of the Narcissistic Personality Inventory Consequences for Item Meaning and Factor Structure. *Assessment*, 23(2), 203-220.

158. Nye, C., Allemand, M., Gosling, S., Potter, J., & Roberts, B.W. (2016). Personality trait differences between young and middle-aged adults: Measurement artifacts or actual trends? *Journal of Personality*, 84, 473-492.
159. Spengler, M., Roberts, B.W., Lüdtke, O., Martin, R., Brunner, M. (2016). The kind of student you were in elementary school predicts mortality. *Journal of Personality*, 84, 547-553.
160. Hudson, N.W., & Roberts, B.W. (2016). Social investment in work reliably predicts changes in conscientiousness and agreeableness: A direct replication and extension of Hudson, Roberts, and Lodi-Smith (2012). *Journal of Research in Personality*, 60, 12-23.
161. Bauldry, S., Shanahan, M. J., Russo, R., Roberts, B. W., & Damian, R. (2016). Attractiveness compensates for low status background in the prediction of educational attainment. *PloS one*, 11(6), e0155313.
162. Green, J.A., O'Connor, D.B., Gartland, N. & Roberts B.W. (2016). The Chernyshenko conscientiousness scales: A new facet measure of conscientiousness. *Assessment*, 23, 374-385.
163. Hill, P.L., Jackson, J.J., Nagy, N., Nagy, G., Roberts, B.W., Lüdtke, O., & Trautwein, U. (2016). Majoring in selection and minoring in socialization: The role of the college experience on goal change post high school. *Journal of Personality*, 84, 194-203.
164. Wetzell, E., Brown, A., Fraley, R.C., & Roberts, B.W. (2016). Equivalence of Narcissistic Personality Inventory constructs and correlates across scoring approaches and response formats. *Journal of Research in Personality*, 61, 87-98.
165. Mu, W., Luo, J., Nickel, L., & Roberts, B.W. (2016). Generality or specificity? Examining the relation between personality traits and mental health outcomes using a bivariate bifactor latent change model. *European Journal of Personality*, 467-483.
166. Spengler, M., Brunner, M., Lüdtke, O., Martin, R. & Roberts, B.W. (2016). Student characteristics and behaviors in childhood predict self-reported health in midlife. *European Journal of Personality*, 30, 456-466.
167. Levallius, J., Roberts, B.W., Clinton, D., & Claes, N. (2016). Take charge: Personality as predictor of recovery from eating disorder. *Journal of Psychiatry Research*, 246, 447-452.
168. Motl, R. W., Sebastião, E., Klaren, R. E., McAuley, E., Stine-Morrow, E. A. L., & Roberts, B. W. (2016). Physical activity and healthy aging with multiple sclerosis: Literature review and research directions. *U.S. Neurology*, 12 (1), 29-33.
169. Nickel, L.B., Iveniuk, J., & Roberts, B.W. (2017). Compensatory conscientiousness redux: A direct replication of Roberts, Smith, Jackson, & Edmonds (2009). *Social Psychological and Personality Science*, 8, 29-35.
170. Jackson, J. J., & Roberts, B.W. (2017). *Conscientiousness*. In T. A. Widiger (Ed.), *The Oxford Handbook of The Five Factor Model*. 10.1093/oxfordhb/9780199352487.013.18
171. Roberts, B.W., Luo, J., Briley, D.A., Chow, P., Su, R., & Hill, P.L. (2017). A systematic review of personality trait change through intervention. *Psychological Bulletin*, 143, 117-141.

172. Göllner, R., Roberts, B.W., Damian, R.I., Lüdtke, O., Jonkmann, K., & Trautwein, U. (2017). Whose “storm and stress” is it? Parent and child reports of personality development in the transition to early adolescence. *Journal of Personality*, 85, 376-387.
173. Roberts, B.W., & Nickel, L. (2017). A critical evaluation of the Neo-Socioanalytic Model of personality. In J. Specht (Ed.), *Personality Development Across the Life Span* (Chapter 11). Elsevier.
174. Roberts, B.W., & Hill, P.L. (2017). The sourdough model of conscientiousness. In J. Burrus, K. Mattern, B. Naemi, & R. Roberts (Eds.), *Building Better Students: Preparation for the workforce*. Oxford University Press.
175. Wrzus, C., & Roberts, B. W. (2017). Processes of personality development in adulthood: The TESSERA framework. *Personality and Social Psychology Review*, 21(3), 253-277.
176. Baumert, A., Schmitt, M., Perugini, M., Johnson, W., Blum, G., Borkenau, P., Costantini, G., Denissen, J.A., Fleeson, W., Grafton, B., Jayawickreme, E., Kurzius, E., MacLeod, C., Miller, L.C., Read, J., Roberts, B., Robinson, M.D., Wood, D., Wrzus, C. (2017). Integrating personality structure, personality process, and personality development. *European Journal of Personality*, 31(5), 503-528.
177. Baumert, A., Schmitt, M., Perugini, M., Johnson, W., Blum, G., Borkenau, P., Costantini, G., Denissen, J.A., Fleeson, W., Grafton, B., Jayawickreme, E., Kurzius, E., MacLeod, C., Miller, L.C., Read, J., Roberts, B., Robinson, M.D., Wood, D., Wrzus, C. (2017). Working towards integration of personality structure, process, and development RESPONSE. *European Journal of Personality*, 31 (5), 577-595.
178. Rieger, S., Göllner, R., Spengler, M., Trautwein, U., Nagangast, B., & Roberts, B.W. (2017). Social cognitive constructs are just as stable as the Big Five between grades five and eight. *AERA Open*, 3(3), 2112858417717691.
179. Stoll, G., Rieger, S., Lüdtke, O., Nagengast, B., Trautwein, U., Roberts, B.W. (2017). Vocational interests at the end of High School predict life outcomes assessed 10 years later over and above IQ and Big Five personality traits. *Journal of Personality and Social Psychology*, 113 (1), 167.
180. Roberts, B.W., Hill, P.L., & Davis, J.P. (2017). How to change conscientiousness: The sociogenomic trait intervention model. *Personality Disorders: Theory, Research, and Treatment*, 8(3), 199-205.
181. Chow, P.I., Wagner, J., Lüdtke, O., Trautwein, U., & Roberts, B.W. (2017). Therapy Experience in Naturalistic Observational Studies is Associated with Negative Changes in Personality. *Journal of Research in Personality*, 68, 88-95.
182. Lodi-Smith, J., Spain, S.M., Cologgi, K., & Roberts, B.W. (2017). The development of self-concept clarity in adulthood. *Journal of Personality and Social Psychology*, 112(5), 755.
183. Davis, J.P., Dumas, T. Berey, B.L., Merrin, G.J., & Cimpian, J., Roberts, B.W. (2017). Effect of victimization on impulse control and binge drinking among serious juvenile offenders from adolescence to young adulthood. *Journal of Youth and Adolescence*, 46 (7), 1515-1532.

184. Damian, R.I., Spengler, M., & Roberts, B.W. (2017). Whose job will be taken over by a computer? The role of personality in predicting job computerizability over the lifespan. *European Journal of Personality*, *31*(2), 291-310.
185. Wetzel, E., Brown, A., Hill, P. L., Chung, J. M., Robins, R. W., & Roberts, B. W. (2017). The narcissism epidemic is dead; long live the narcissism epidemic. *Psychological science*, *28*(12), 1833-1847.
186. Xu, Y., Briley, D. A., Brown, J. R., & Roberts, B. W. (2017). Genetic and environmental influences on household financial distress. *Journal of Economic Behavior & Organization*, *142*, 404-424.
187. Göllner, R., Damian, R. I., Rose, N., Spengler, M., Trautwein, U., Nagengast, B., & Roberts, B. W. (2017). Is doing your homework associated with becoming more conscientious?. *Journal of Research in Personality*, *71*, 1-12.
188. Luo, J., Derringer, J., Briley, D. A., & Roberts, B. W. (2017). Genetic and environmental pathways underlying personality traits and perceived stress: Concurrent and longitudinal twin studies. *European Journal of Personality*, *31*(6), 614-629.
189. Hill, P.L., & Roberts, B.W. (2018). Narcissism as a lifespan construct: Describing fluctuations using new approaches. In Brunell A., & Herman, T. (Eds). *The Handbook of Trait Narcissism: Key Advances, Research Methods, and Controversies (Chapter 18)*. Springer.
190. Trautwein, U., Nagengast, B., Roberts, B.W., & Lüdtke, O. (2018). Predicting academic effort: The conscientiousness x interest compensation (CONIC) model (Chapter 14). In K.A. Renninger & S.E. Hidi (Eds), *The Cambridge Handbook of Motivation and Learning*. Cambridge Press.
191. Davis, J.P., Berry, D, Dumas, T.M., Ritter, E., Smith D.C., Menard, C., & Roberts, B.W. (2018). Substance use outcomes for mindfulness-based relapse prevention are partially mediated by reductions in stress: Results from a randomized trial. *Journal of Substance Abuse Treatment*, *91*, 37-48.
192. Roberts, B. W. (2018). A revised sociogenomic model of personality traits. *Journal of personality*, *86*(1), 23-35.
193. Davis, J. P., Dumas, T. M., & Roberts, B. W. (2018). Adverse childhood experiences and development in emerging adulthood. *Emerging Adulthood*, *6*(4), 223-234.
194. Spengler, M., Damian, R. I., & Roberts, B. W. (2018). How you behave in school predicts life success above and beyond family background, broad traits, and cognitive ability. *Journal of Personality and Social Psychology*, *114*(4), 620.
195. Ayoub, M., Gosling, S. D., Potter, J., Shanahan, M., & Roberts, B. W. (2018). The relations between parental socioeconomic status, personality, and life outcomes. *Social Psychological and Personality Science*, *9*(3), 338-352.
- Winner of the SPSP best paper by a graduate student for 2018
196. Göllner, R., Damian, R. I., Nagengast, B., Roberts, B. W., & Trautwein, U. (2018). It's not only who you are but who you are with: High school composition and Individuals' attainment over the life course. *Psychological science*, *29*(11), 1785-1796.

197. Grosz, M. P., Göllner, R., Rose, N., Spengler, M., Trautwein, U., Rauthmann, J. F., ... & Roberts, B. W. (2019). The development of narcissistic admiration and machiavellianism in early adulthood. *Journal of personality and social psychology, 116*(3), 467.
198. Roberts, B.W., & Damian, R.I. (2019). The principles of personality trait development and their relation to psychopathology. In D. Lynam & D. Samuel (Eds.), *Using basic personality research to inform the personality disorders (Chapter 7)*. Oxford Press.
199. Nickel, L. B., Roberts, B. W., & Chernyshenko, O. S. (2019). No evidence of a curvilinear relation between conscientiousness and relationship, work, and health outcomes. *Journal of personality and social psychology, 116*(2), 296.
200. Hammerslag, L. R., Belagodu, A. P., Aladesuyi Arogundade, O. A., Karountzos, A. G., Guo, Q., Galvez, R., ... & Gulley, J. M. (2019). Adolescent impulsivity as a sex-dependent and subtype-dependent predictor of impulsivity, alcohol drinking and dopamine D 2 receptor expression in adult rats. *Addiction biology, 24*(2), 193-205.
201. Damian, R. I., Spengler, M., Sutu, A., & Roberts, B. W. (2019). Sixteen going on sixty-six: A longitudinal study of personality stability and change across 50 years. *Journal of Personality and Social Psychology, 117*(3), 674.
202. Rieger, S., Göllner, R., Spengler, M., Trautwein, U., Nagengast, B., Harring, J. R., & Roberts, B. W. (2019). The effects of getting a new teacher on the consistency of personality. *Journal of personality, 87*(3), 485-500.
203. Nye, C. D., & Roberts, B. W. (2019). A Neo-Socioanalytic Model of Personality Development. In *Work Across the Lifespan* (pp. 47-79). Academic Press.
204. Golle, J., Rose, N., Göllner, R., Spengler, M., Stoll, G., Hübner, N., Rieger, S., Trautwein, U., Lüdtke, O., Roberts, B.W., & Nagengast, B. (2019). School or work? The choice may change your personality. *Psychological Science, 30*(1), 32-42.
205. Wood, D., Lowman, G. H., Harms, P. D., & Roberts, B. W. (2019). Exploring the relative importance of normative and distinctive organizational preferences as predictors of work attitudes. *Journal of Applied Psychology, 104*(2), 270.
206. Chapman, B. P., Huang, A., Horner, E., Peters, K., Sempeles, E., Roberts, B.W. & Lapham, S., (2019). High school personality traits and 48-year all-cause mortality risk: results from a national sample of 26 845 baby boomers. *J Epidemiol Community Health 73*, 106-110.
207. Briley, D. A., Livengood, J., Derringer, J., Tucker-Drob, E. M., Fraley, R. C., & Roberts, B. W. (2019). Interpreting behavior genetic models: seven developmental processes to understand. *Behavior genetics, 49*(2), 196-210.
208. Wetzel, E., Grijalva, E., Robins, R., & Roberts, B. (in press). You're Still so Vain; Changes in Narcissism from Young Adulthood to Middle Age. *Journal of Personality and Social Psychology*.
209. Wetzel, E., Lang, F.J., Back, M.D., Vecchione M., Rogoza, R., & Roberts, B.W. (in press). Measurement invariance of three narcissism questionnaires across the United States, the United Kingdom, and Germany. *Assessment*.

210. Ayoub, M., & Roberts, B.W. (in press). Environmental conditions and the development of personality. *Encyclopedia of Personality and Individual Differences*.
211. Roberts, B.W., & Nickel, L.B. (in press). Personality development across the life course: A Neo-socioanalytic perspective. In O.P. John & R.W. Robins (Eds.), *Handbook of Personality Theory and Research*. Guilford Press.

BLOG POSTS OF NOTE

Personality psychology has a serious problem (And so do many other areas of psychology) (2011). P: The online newsletter for personality science, 6, November 2011:

<http://www.personality-arp.org/html/newsletter06/problem.html>

What the heck is research anyway? (2011). The Hardest Science.

<http://hardsci.wordpress.com/2011/12/20/what-the-heck-is-research-anyway-a-guest-post-by-brent-roberts/>

On cycling and social psychology (2012). Pigeer. <http://wp.me/p1b8ZP-1E>

Owning it (2013). Pigeer. <http://wp.me/p1b8ZP-38>

Science or law: Choose your career (2013). Pigeer. <http://wp.me/p1b8ZP-3d>

The pre-publication transparency checklist (2013). Pigeer. <http://wp.me/p1b8ZP-3h>

For the love of p-values (2014). Pigeer. <http://wp.me/p1b8ZP-3s>

My scary vision of good science (2014). Pigeer. <http://wp.me/p1b8ZP-3K>

New rules of research (2015). Pigeer. <http://wp.me/p1b8ZP-4o>

We need federally-funded daisy chains (2016). Pigeer. <http://wp.me/p1b8ZP-4C>

INVITED PRESENTATIONS

A participant-observer report on the uses of longitudinal methods in psychology. Invited address to the Max Planck Institute workshop on longitudinal methods in anthropology, Leipzig, German, December, 2019.

Existing data sources for the study of resilience. Invited address to the Research Centers Collaborative Network sponsored by NIA and NIH, Austin TX, November 2019.

On the road to conscientiousness and health. Invited address to the health preconference at the Society for Personality and Social Psychology annual meeting, February 2019

The long and short of personality stability and change. Presentation to the Rocky Mountain Psychological Association meeting in Denver, CO as part of the APA Distinguished Scientist Lecture Program, April, 2018.

Welcome to the Non-Cognitive Era. Presentation to the Human Capital and Economic Opportunity Global Working Group, Bonn, Germany, July, 2018

A Sociogenomic perspective on continuous personality assessment. Invited address to the HCEO Working Group, University of Chicago, February 2018.

A Sociogenomic perspective on continuous personality assessment. Keynote address to the bi-annual meeting of the European Personality Conference, Croatia, 2018.

Can personality be changed through intervention? Keynote address to the annual meeting of the German Psychological Society, Frankfurt, Germany, 2018

The long and short of personality development across the life course. To the Department of Psychology, University of Basel, November 23, 2017.

Direct and indirect pathways from socio-emotional resources to better health. Carle Foundation Day, November 2, 2017.

The long and short of personality trait development. To the Department of Psychology, Edinburg University, October 20, 2017.

The case for personality: evidence and implications for the role of personality in better health and longevity. Carle Grand Rounds, September 5, 2017.

Are we stuck with ourselves? How personality develops over the life course. The World Bank Human Development Forum, May 3, 2017.

Personality traits are relatively enduring, changing, and can be changed: Implications for personality science and psychology. Midwestern Psychological Association, Chicago, April 21, 2017.

A sociogenomic perspective on personality development. To the Department of Psychology, Villanova University, February 24, 2017.

Generality versus Specificity: Using Bi-factor Models to Test the Role of Facets in Criterion-Related Validity. GESIS Symposium on Advances in Scale Development in the Social Sciences: Ensuring Validity, December 2, 2016

What is conscientiousness and why should you care about it. Executive Club of Champaign County. November 16, 2016.

The Importance of Personality Assessment. World Youth Summit, World Bank, Washington D.D., November 10, 2016.

The Importance and Challenge of Personality Assessment. World Bank, Washington, D.C., November 9th, 2016

Neuroticism, Conscientiousness, and Healthy Aging: Conceptualization, Measurement, and Intervention Effects. Invited presentation to the National Institute of Aging workshop on changing facets of personality, Bethesda, Maryland, May, 2016.

Some thoughts about individual differences and population-level strategies. Provocateur presentation to the National Cancer Institute Sand Pit meeting on public health strategies and individual behavior, Bethesda, Maryland, May, 2016.

Young adulthood is the crucible of personality development. Invited keynote address to the semi-annual meeting of the World Conference on Personality, April, 2016.

Personality Traits can be Changed through Intervention. Invited presentation to the Department of Psychology, University of Illinois, Chicago, November, 2015.

Personality Psychology Predicted. Invited presentation to the 3rd Annual Personality Speaker Series, University of Tübingen, Germany, June 2015.

Conscientiousness: Inoculation and implementation pathways to striving. Invited address to the Tepper Business School, Carnegie Mellon University, May, 2015.

Personality Traits Change as a Result of therapy. Presentation to the Department of Psychology, Western Ontario University

Young adulthood is the crucible of personality development. Invited keynote address to the annual meeting of the Society for the Study of Emerging Adulthood, Miami, FL, October 2015.

A psychological perspective on personality as human capital. Invited presentation to the Social Security Administration, Washington, DC, April, 2015.

The Malleability of personality: a life span perspective on Conscientiousness. Invited presentation to the World Bank, April, 2014.

Human Sociogenomics. The annual Paul Baltes Lecture, Berlin, Germany, May 2014.

Evidence and implications for conscientiousness as a marker of health and longevity. Invited speaker to the National Advisory Council on Aging, National Institutes of Health, National Institute on Aging, May 21, 2014.

Personality across the life course. Invited speaker to the 4th Purdue Symposium on Psychological Sciences, Purdue University, May 12, 2014.

What leads to the healthy, happy, well-educated life? Invited speaker to ACT, Iowa City, Iowa, May 5, 2014.

Evidence that personality can change and change quickly: A meta-analysis of clinical intervention studies. Invited speaker to the Department of Psychology, Northwestern University, February 14, 2014.

Conscientiousness as human capital: A health and life span developmental perspective. Invited speaker to the Department of Economics, Maastricht University, January 13, 2014.

The Case for Conscientiousness as a Focus for Public Health. Invited speaker to the Integrative Immunology Behavior Program, UIUC, November 19, 2013.

Personality traits can be changed: Evidence from a meta-analysis of clinical intervention studies? Invited speaker to James Heckman's fiefdom within the Department of Economics, University of Chicago, November 12, 2013.

Personality traits can be changed: Evidence from a meta-analysis of clinical intervention studies? Invited speaker to the Department of Psychology, Washington University, St. Louis, October 11, 2013.

Human sociogenomics. Invited speaker to the annual conference of the American Psychological Association, Honolulu, Hawaii, August 3, 2013.

Can personality traits be changed? Invited speaker to Rush Alzheimer's Disease Center, Chicago, IL, July 11, 2013.

Conscientiousness as human capital: A health and life span developmental perspective. Invited speaker to the University of Tübingen, Center for Educational Science and Psychological Research, LEAD Graduate School, June 18, 2013.

Personality traits: To change or not to change? That is the question. Invited speaker to the annual conference of the Association of Psychological Sciences, Washington, DC, May 25th, 2013.

Can personality traits be changed? Invited speaker to the Department of Psychology, Purdue University, April 12, 2013.

Can personality traits be changed? Invited speaker to the Department of Psychology, Carleton University, March 28, 2013.

The social investment principal: A re-examination. Invited speaker to the Personality Development Network Meeting, Berlin, Germany, March 9, 2013.

Self-control across the life course. Presentation to the National Research Council of the National Academies of Science meeting on Motivation and Aging: Toward the Next Generation of Behavioral Interventions Expert Meeting, June 18-19, 2012

Expectancy Value Theory, Behavioral Activation, and Conscientiousness. Presentation to the National Research Council of the National Academies of Science meeting on Motivation and Aging: Toward the Next Generation of Behavioral Interventions Expert Meeting, June 18-19, 2012

Changing personality traits: A new perspective on psychological interventions. Presentation to the University of Tübingen, Tübingen Germany, 7-23-12.

Personality trait change and improving people's lives: Changing personality traits should be the focus of interventions. Keynote address to the European Conference on Personality, Trieste, Italy, 7-20-12.

Conscientiousness as human capital: Perspectives from research on health and life span development. Department of Psychology, University of Zurich, 3-12-12.

Conscientiousness as human capital: Perspectives from research on health and life span development. American Economics Association Meeting, Chicago, 1-6-12.

Personality and human capital (2011). Invited speaker to the Main Plenary Panel of the World Bank Human Development Forum, New York, Feb 28.

Personality and economic models of human capital. (2010). Beyond correlation in the study of personality: The Spencer Foundation & Institute of New Economic Thinking Conference Series on Individual Differences and Economic Behavior, University of Chicago, Chicago, December 10.

Personality trait development in adulthood: Patterns, explanations, and implications. (2010). Keynote speaker at the annual meeting of the Japanese Society for Personality Psychology, Tokyo, Japan, October 11.

Personality traits are key organizing constructs for genetically-informed research (2010). Invited presentation, National Academy of Sciences meeting on using genome wide association studies to explore fundamental questions about aging in the Health and Retirement Study sample. Washington, D.C., September 24.

The Epidemiological Significance of Conscientiousness (2010). Invited presentation, Social Psychology Group, Duke University, Durham, North Carolina, April 2nd.

Personality Trait Development in Adulthood: Patterns, Explanations, and Implications (2010). Invited presentation, Social Science Research Institute, Duke University, Durham, North Carolina, April 1st.

Personality Trait Development in Adulthood: Patterns, Explanations, and Implications (2010). Invited presentation, University of Tulsa, Department of Psychology, Tulsa, Oklahoma, March 24th.

Construction and Reconstruction: The Reciprocal Relation Between Conscientiousness and the Life Course (2010). Invited presentation, University of Minnesota, Department of Psychology, Minneapolis, Minnesota, March 3rd.

Decreasing Delinquency, Criminal Behavior, and Recidivism by Intervening on Psychological Factors other than Cognitive Ability: A Review of the Intervention Literature (2010). Invited presentation, University of California, Berkeley, National Bureau of Economic Research Meeting on the Economics of Crime, Berkeley, California, January 18th.

Unpacking Conscientiousness: What it is and How it Affects the Social Contours of Life (2010). Invited presentation, University of California, Riverside, Department of Psychology, Riverside, California, January 17th.

Conventional and Unconventional Paths to Personality Development in Young Adulthood (2009). Invited presentation, University of Toronto, Department of Psychology, Toronto, Canada, November 19th.

Conventional and Unconventional Paths to Personality Development in Young Adulthood (2009). Invited presentation, University of Tuebingen, Tuebingen Germany, July 25th.

A Progress Report on Conscientiousness: What it is and How it Affects the Social Contours of Life. (2009). Invited Presentation made to the Educational Testing Service, Princeton, NJ, July 1.

Personality: What is It, Why is It Important, and How Does it Develop? (2009) Invited presentation made to the Illinois Judicial Academy, University of Illinois Law School, June 15.

Personality Continuity and Change (2009). Invited presentation made at the conference on “Building Bridges Between Economics and Personality Psychology”, University of Chicago, May 8th.

Personality Development and Assessment (2008). Invited presentation made to the Education Research Group at the Max Planck Institute for Human Development, Berlin, Germany, July 10.

Personality Assessment. (2008). Invited presentation made to the NORC Conference on the Measurement of Noncognitive Skills, Chicago, Illinois, June 16th.

Personality, Economic Behavior, and Aging (2008). Invited presentation made to the APS Workshop on Opportunities for Advancing Behavioral and Social Research on Aging, Chicago, IL May 22.

A Social Investment Perspective on Personality Development (2008). Invited presentation made to the Department of Psychology, University of Michigan, September 25th.

Personality, Economic Behavior, and Aging (2008). Invited presentation made to the APS Workshop on Opportunities for Advancing Behavioral and Social Research on Aging, Chicago, IL 5/22/08

Personality Development Across the Life Course: A Social Investment Perspective (2008). Invited presentation made to the Department of Psychology, University of Kentucky, April 11

The Epidemiological Significance of Conscientiousness. (2008). Invited presentation made to the Department of Psychology, Washington University, Saint Louis, March 28th.

Conscientiousness and the Construction of the Life Course. (2007). Invited address to the Department of Human and Community Development, Purdue University, West Lafayette, Indiana, November 30th.

Personality and Health Outcomes: A Case for Conscientiousness. (2007). Invited presentation to the Measurement of Personality in Population Surveys Workshop, NORC, Chicago, November 6th 2007.

Personality Trait Development Across The Life Course. (2007). Invited presentation to the Measurement of Personality in Population Surveys Workshop, NORC, Chicago, November 6th 2007.

The Epidemiological Significance of Conscientiousness. (2007). Invited presentation made to the Department of Kinesiology, University of Illinois, Urbana-Champaign, October 31st.

Conscientiousness and Religion. (2007). Invited address to the Self-Control and Religion Workshop, University of Miami, April 12th.

The Future of Personality Psychology. (2007). Invited presentation to the 8th annual meeting of the Association for Research in Personality Psychology, Memphis, Jan 25th

Personality Trait Development Across the Life Course. (2006). Presented at LIFE Spring Academy, Max Planck Institute for Human Development, Berlin, May 17.

Antecedents and Consequences of Conscientiousness Across the Life Course (2006). Invited address to the Department of Psychology, Iowa University, Iowa City, Iowa, April 17th.

A Social Investment Perspective on Personality Development in Young Adulthood. (2006). Invited address to the Department of Psychology, Purdue University, West Lafayette, Indiana, February 17th.

A life Course Perspective on Conscientiousness, Social Roles, and Health. (2005). Invited address to the department of Sociology, University of Illinois, Urbana-Champaign, October 27th.

Personality Development Across the Life Course. (2005). Invited address to the San Francisco State University Department of Psychology, October 11th.

The Importance of Being Conscientious. (2005). Invited address to the Institute of Personality and Social Research at the University of California at Berkeley, October 5th.

Personality Development in Adulthood: A Tryptich of Meta-Analyses. (2005). Invited address to the University of California at Davis department of Psychology, March 21st.

From Kindling to Conflagration: Self-regulation and personality change (2004). Invited address to the Penn State Gerontology Center Conference on Social Structures, Aging, and Self-Regulation in the Elderly, Oct. 4-5, 2004, Pennsylvania State University, State College, PA

Conscientiousness. (2004). Invited address to the Department of Economics, New York University, April 13.

Personal, Theoretical, and Empirical Perspectives on Roles and Personality Development. (2004). Invited address to the annual meeting of the Association of Researchers in Personality, Austin, Texas, January 29th.

Conscientiousness and Health Across the Life Course. (2003). Invited address to the Department of Psychology, Georgia Tech University, November 5th.

Personality Continuity and Change Across the Life Course. (2003). Invited address to the Department of Psychology, Wabash University, Indiana, October 24th.

Conscientiousness and Health. (2003). Invited address to the 2nd International Conference on Positive Psychology. Washington, D.C., October 4th.

Changes in Personality Traits Across the Life Course. (2003). Invited address to the meeting of the Midwestern Psychological Association, Chicago, Illinois, May 7th.

Conscientiousness and Health Across the Life Course. (2003). Invited address to the meeting the Social Psychologists Across the Midwest, Champaign, Illinois, April 26th.

A Lifespan approach to conscientiousness and health. (2003). Invited address to the Human Development Department, University of California Davis, January 10th.

The Importance of Being Conscientious: A Lifespan Approach to Conscientiousness and Health. (2002). Invited address to the Aging Initiative Seminar, Beckman Institute, University of Illinois, Urbana-Champaign.

Personality Traits are Developmental Constructs. (2001). Invited address to the Department of Psychology at the University of Illinois, Chicago.

A Longitudinal Study of Person-Environment Fit and Personality Development. (2000). Invited address to the Department of Psychology at the University of Michigan.

Do People Grow and Mature from Adolescence to Young Adulthood? Evidence From Two Longitudinal Studies of Personality Development. (2000). Invited address to the Personality Area, University of Michigan.

What if Personality Traits do Change in Adulthood? (2000). Invited address to the Personality Preconference at the Annual Meeting of the Society for Personality and Social Psychology.

Do Personality Traits Stop Changing at Age 30? Evidence From a Meta-Analytic Review of Longitudinal Studies. (1999). Invited address to the Lives in Context conference at the Murray Research Center and the Radcliffe Institute for Advanced Study, Cambridge, Massachusetts.

The Rank-Order Consistency of Personality Across the Life Course: A Quantitative Review of Longitudinal Studies. (1998). Invited address to the Department of Psychology, The University of Illinois at Champaign-Urbana.

Plaster or Plasticity: Are Work Experiences Associated with Personality Change in Adulthood. (1995). Invited paper presented at the Annual Nags Head Convention on Personality and Social Behavior, Highland Beach, Florida, June 19 - 23.

GRANTS AND CONTRACTS

Oklahoma Teacher Education Collaborative Grant (OTEC; 1998-1999). PI: Robert Howard. Contract from the National Science Foundation to evaluate OTEC efforts to collaboratively change science and math curriculum across the state of Oklahoma. Amount funded, \$52,000 per year.

- Applied Personality Psychology: The Intersection of Personality and I/O Psychology (1999)*. PI: Brent W. Roberts and Robert Hogan. Grant from the American Psychological Association to fund a conference at the University of Tulsa. Amount funded, \$11,000.
- The Development of Conscientiousness Across the Life Course (2000)*. PI: Brent W. Roberts. Grant from the Research Board of the University of Illinois to study the mechanisms that contribute to continuity and change in conscientiousness across the life course. Amount funded, \$25,000.
- Conscientiousness and Health: A Meta Analysis (2000)*. PI: Brent W. Roberts. Grant from the Research Board of the University of Illinois to study the relationship between the personality trait of conscientiousness and health behaviors that contribute to longevity. Amount funded: \$15,889.
- A Longitudinal Person-Environment Fit Approach to Understanding Retention of IT Workers (2001)*. PI: Brent W. Roberts. Grant from the Center for Human Resource Management. Amount funded: \$17,383.
- An Aging Study of Conscientiousness and Health (RO3AG 19414; 2001)*. PI: Brent W. Roberts. Grant from the National Institute on Aging to study the relationship between conscientiousness and health behaviors across the life course. Amount funded: \$71,048.
- Longitudinal Studies of Conscientiousness and Health (RO1AG21178 2002-2008)*. PI: Brent W. Roberts. Grant from the National Institute on Aging to establish two complementary longitudinal studies dedicated to testing the relationship between conscientiousness, health behaviors, and social environmental factors across the life course. Amount funded: \$1.47 million.
- Quantitative Methods for Behavioral Research. Institutional National Research Service Award (training grant, NIMH T32 MH14257, 2003-2008), core program faculty (PI: Michel Regenwetter)*, Amount funded: \$1.2 million.
- The Senior Odyssey: A test of the engagement hypothesis of cognitive aging (2007-2012)*. Co-Investigator: Brent W. Roberts (PI: Elizabeth Stine-Morrow). Grant from the National Institute on Aging to study the effects of engagement and personality on cognitive functioning in old age. Amount funded: 2.7 million.
- Bridge Grant for the Longitudinal Studies of Conscientiousness and Health grant (R56AG021178, 2008-2009)*. PI: Brent W. Roberts. Grant from the National Institutes of Health to bridge gap between grants. Amount funded: \$ 394,893.
- Longitudinal Studies of Conscientiousness and Health (2RO1AG21178 2009-2015)*. PI: Brent W. Roberts. Grant from the National Institute on Aging to continue two complementary longitudinal studies dedicated to testing the relationships among conscientiousness, health, health behaviors, mortality, and social environmental factors across the life course. Amount funded: \$3.2 million.
- Personality and Well-Being Trajectories in Adulthood*. Consultant: Brent W. Roberts (PI: Dan Mroczek). Application to National Institute of Aging to work collaboratively with the NAS study on aging to compare health and personality trajectories with the longitudinal studies from Illinois and MIDMAC.
- Validation of the Project Talent Personality Assessment (2010-2011)*. PI: Brent W. Roberts. Grant from the American Institute of Research to validate the personality measure used in Project TALENT. \$50,000.
- The genetic nature of personality and financial distress*. Co-I. NBER Retirement Research Center. Project dates: September 30, 2014—September 29, 2015.

Can Personality Help Explain Asset Decumulation Behavior? Co-I. NBER Retirement Research Center.
Project NB16-08 "Project Dates: September 30, 2015 - September 29, 2016

Simulating Models of Development under Plausible Gene Environment Interplay (Briley PI). Role: Co-I
Templeton Foundation. Amount Funded \$325,000. Project dates 9-1-16 to 8-31-19.

Socioeconomic gradients in mortality new questions about personality. (Benjamin Chapman PI). Role:
Co-I. National Institute of Aging. Amount Funded \$636,925. Project dates 2016 – 2021.

Everyday Reading, Personality, and Cognitive Health in Older Adults. Co-I. PI is Liz Stine-Morrow.
NIH/NIA (Amount, \$436,150) Duration 09/15/2016-5/31/2018