**CURRICUM VITAE (Version: 6/1/2021)**

**Feng Vankee Lin, Ph.D., M.B., RN**

**CONTACT INFO**

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Lab page: http://www.cogtlab.com/

**EDUCATION**

2013 Post-doctoral Fellow, Departments of Neurology, Psychiatry, & Brain and Cognitive Sciences, University of Rochester, Rochester, NY

2011 Ph.D. in Nursing (distributed minor in Aging Studies), University of Wisconsin-Madison, Madison, WI

2009M.S. in Nursing, University of Wisconsin-Madison, Madison, WI

2006 M.B. in Medicine,Jilin University, China

2005 A.B. in English, Jilin University, China

**LICENSURE**

2010-Present Registered Professional Nurse, New York State Board (License Number: 638961)

**CURRENT ACADEMIC POSITIONS**

2021-present Clinical Prefoessor, Department of Psychiatry and Behavioral Sciences, Stanford Unviersity

**PREVIOUS ACADEMIC POSITIONS**

2020-2021 Wilson Professorship, University of Rochester

2020-2021 Director of Research, UR Health Lab

2020-2021 Visiting Associate Professor, CERC, School of Medicine, Stanford University

2018-2021 Associate Professor (with tenure), Nursing, University of Rochester

2018-2021 Associate Professor, Neuroscience, Psychiatry, Neurology, and Brain and Cognitive Sciences, University of Rochester

2018-2021 Co-Director, Center on Aging, School of Nursing, University of Rochester Medical Center

2016-2021 Faculty, Neuroscience Graduate Program, University of Rochester

2018-2019 Assistant Professor (honorion), Department of Applied Psychology & Human Development, University of Toronto

2013-2018 Assistant Professor (tenure-track), Nursing, Neuroscience, Psychiatry, Neurology, and Brain and Cognitive Sciences, University of Rochester

2011-2013 Research Associate, AD-CARE (Alzheimer's Disease Care, Research and Education) Program, Department of Psychiatry, University of Rochester Medical Center, NY

2011-2013 Research Associate, School of Nursing, University of Rochester Medical Center, NY

2008-2011 Graduate Research Assistant, Division of Geriatrics, Depart of Medicine, School of Medicine and Public Health, University of Wisconsin, WI

2007-2011 Graduate Research Assistant, NIA P50 Alzheimer’s Disease Research Center, School of Medicine and Public Health, University of Wisconsin, WI

2006-2011 Graduate Research Assistant, School of Nursing, University of Wisconsin-Madison, WI

**Pending Grants as PI**

12/1/21-6/30/2026 NIH/NIA R21/R33 Develop an ANS-based Personalized Cognitive Training for Mild Cognitive Impairment (fundable range)

**Current Grants as PI**

2/1/21-12/31/24 NIH/NIA U24 AG072701 “Network for Emotional Wellbeing and Brain Aging (NEW Brain Aging)”

4/1/20-3/31/22 NIH/NIA R21 AG066970 “Advancing methods for structural connectome acquisition and estimation in older adults”

7/15/20-6/30/21 NIH CTSI UL1TR0200001 “Using neural correlates of story comprehension to reveal mild cognitive impairment in early Alzheimer’s”

5/11/20-2/28/25 (R01 renewal) NIH/NINR R01 NR015452B “Targeting Autonomic Flexibility to Enhance Cognitive Training Outcomes in Older Adults with Mild Cognitive Impairment”

7/3/19-5/31/21 NIH/NIMH R21 MH120734-01 “Validate a Shared Neural Circuit Underlying Multiple Neuropsychiatric Symptoms”

9/15/17-5/31/22 NIH/NIA R01AG055469 “Efficacy and Mechanisms of Combined Aerobic Exercise and Cognitive Training in MCI”

9/15/17-5/31/22 NIH/NIA R01AG055469 “Efficacy and Mechanisms of Combined Aerobic Exercise and Cognitive Training in MCI”Administrative supplement

**Current Grants as Co-I or Named Mentor**

9/15/19-5/31/24 NIH/NIA P30 AG064103 (PIs: Heffner & Van Orden) “Rochester Roybal Center for Social Ties and Aging Research”

7/1/19-6/30/24 NIH/NIA K76 AG064394 (PI: Magnuson) “Mitigating Cancer-Related Cognitive Dysfunction in Older Adults with Breast Cancer”

8/1/18-5/31/22 NIH/NIA R01AG059654 (PI: Li) “Blood Biomarkers as Surrogate Endpoints of Treatment Responses to Aerobic Exercise and/or Cognitive Training in Amnestic Mild Cognitive Impairment”

8/1/18-5/31/22 NIH/NIA R01 AG049764-01 (PI: Heffner) Parent R01 Diversity Supplement “Cognitive Training to Protect Immune Systems of Older Caregivers”

1/15/16-12/31/20 NIH/NIA R01 AG049764 (PI: Heffner) “Cognitive Training to Protect Immune Systems of Older Caregivers”

**Completed Grants as PI**

9/5/15-3/31/20 NIH/NINR R01 NR015452 “Neurophysiological Aspects of Vision-based Speed of Processing Cognitive Training in Older Adults with Mild Cognitive Impairment”

7/1/17-3/31/19 NIH/NIA R21 AG054810 “Applying Person-Centered Approach to Enhance Cognitive Training in Assisted Living Facility Residents with Mild Cognitive Impairment”

6/1/17-5/31/19 NIH/NCATS UL1 TR002001 University of Rochester CTSA Incubator Program “Social Modifiers of Stress Regulation and Healthy Aging”

8/1/16-4/30/19 NIH/NIA R21 AG053193 “Applying a neuroeconomics paradigm in the assessment of central fatigability in aging population”

2016 NYS DOH16370, DOH01-ISSCI5-2015, SCIRB Institutional Support “Personalized cognitive training task paradigm development”

7/1/14-6/30/16 Alzheimer’s Association New Investigator Research Grant, NIRG 14-317353 “Differentiating Neurophysiological Stress Regulation in Alzheimer Disease”

7/1/13-6/30/15 NCATS/NIH KL2 TR000095, University of Rochester CTSA “Role of Vision-based Computerized Cognitive Training in Preventing Cognitive and Functional Decline in Older Adults with Mild Cognitive Impairment”

7/1/12-6/30/13 Sigma Theta Tau International Small Grants “Role of Mental Fatigue in Engagement in Cognitively Stimulating Activities in Community-Dwelling Older Adults with Cardiovascular Disease Risk Factors”

7/1/10-6/30/11 Sigma Theta Tau International/Midwest Nursing Research Society "Representations, Coping, and Health Outcomes among Older Adults with Mild Cognitive Impairment"

**Completed Grant as Co-I or Named Mentor**

9/27/12-7/31/16 NIH/NINR R01 NR013909-01 (PI: Pigeon) “Managing Sleep Symptoms and Modifying Mechanisms of Traumatic Stress”

**PEER-REVIEWED ORIGINAL RESEARCH**

† **equal contribution; # senior author**

**2021**

1. Heffner, K. L.,Quiñones, M. M., Gallegos, A. M., Crean, H. F., **Lin, F. V.,** & Suhr, J. A. Subjective memory in adults over 50 years of age: Associations with affective and physiological markers of emotion regulation. (2021) *Aging & Mental Health.*

*Role:* study design, data collection, manuscript revision

1. #†Kukla B, †Anthony M, †Chen S, Turnbull A, Baran TM, **Lin F**. Brain Small-Worldness Properties and Perceived Fatigue in Mild Cognitive Impairment. (2021). *The Journal of Gerontology: Series* A.
2. #Chen Q, Baran TM, Turnbull A, Zhang Z, Rebok GW, **Lin F.** Increased Segregation of Structural Brain Networks Underpins Enhanced Broad Cognitive Abilities of Cognitive Training (2021). Human Brain Mapping.
3. #Chen, Q., Turnbull, A., Baran TM., **Lin, F.** Longitudinal stability of the medial temporal lobe structural connectome explains the influence of tau pathology on memory in predementia stages (2021). *Elife*.

**2020**

1. Koenig, J., Abler, B., Agartz, I., Åkerstedt, T., Andreassen, O. A., Anthony, M., Bär, K. J., Bertsch, K., Brown, R. C., Brunner, R., Carnevali, L., Critchley, H. D., Cullen, K. R., de Geus, E., de la Cruz, F., Dziobek, I., Ferger, M. D., Fischer, H., Flor, H., Gaebler, M., Gianaros, P. J., Giummarra, M. J., Greening, S. G., Guendelman, S., Heathers, J. A. J., Herpertz, S. C., Hu, M. X., Jentschke, S., Kaess, M., Kaufmann, T., Klimes-Dougan, B., Koelsch, S., Krauch, M., Kumral, D., Lamers, F., Lee, T. H., Lekander, M., **Lin, F.,** Lotze, M., Makovac, E., Mancini, M., Mancke, F., Månsson, K. N. T., Manuck, S. B., Mather, M., Meeten, F., Min, J., Mueller, B., Muench, V., Nees, F., Nga, L., Nilsonne, G., Ordonez Acuna, D., Osnes, B., Ottaviani, C., Penninx, B. W. J. H., Ponzio, A., Poudel, G. R., Reinelt, J., Ren, P., Sakaki, M., Schumann, A., Sørensen, L., Specht, K., Straub, J., Tamm, S., Thai, M., Thayer, J. F., Ubani, B., van der Mee, D. J., van Velzen, L. S., Ventura-Bort, C., Villringer, A., Watson, D. R., Wei, L., Wendt, J., Schreiner, M. W., Westlye, L. T., Weymar, M., Winkelmann, T., Wu, G. R., Yoo, H. J. (2020). Cortical thickness and resting-state cardiac function across the lifespan: A cross-sectional pooled mega-analysis. *Psychophysiology,* 10.1111/psyp.13688. Advance online publication.

*Role:* Data collection; data analysis; manuscript revision.

1. Wang, L., **Lin, F.,** Cole, M., Zhang, Z. Learning clique subgraphs in structural brain network classification with application to crystalized cognition (2020). *NeuroImage*, *225*, 117493. Advance online publication.

*Role:* manuscript drafting and revision

1. #Chen, Q, Baran, T. M., Rooks, B., O’Banion, M. K., Mapston, M., Zhang, Z., **Lin, F.** Cognitively supernormal older adults maintain a unique structural connectome that is resistant to Alzheimer's pathology (2020). *NeuroImage. Clinical*, *28*, 102413. Advance online publication.
2. #Anderson A., Heffner K., Dodell-Feder, D., **Lin, F.** Decoding individual identity from brain activity elicited during the recollection of personal experiences. (2020). *Nature Communications.* Advance online publication.
3. **Lin, F.,** Cottone, K., McDermott, K., Jacobs, A., Nelson, D., Porsteinsson, A., Chapman, B. Attitudes toward computers moderate the effect of computerized cognitive trainings in oldest-old senior living center residents. (2020). *American Journal of Geriatric Psychiatry,* S1064-7481(20)30407-3. Advance online publication.
4. #Chen, Q. †, Yang, H. †, Rooks, B., Anthony, M., Zhang, Z., Tadin, D., Heffner, K. L. **Lin, F.**(2020). Autonomic flexibility reflects learning and associated neuroplasticity in old age. *Human brain mapping*, *41*(13), 3608–3619.
5. **Lin, F**., Tao, Y., Chen,Q., Anthony, M., Zhang, Z., Tadin, D., Heffner, K.L. Processing speed and attention training modifies autonomic flexibility: A mechanistic intervention study (2020). *NeuroImage*, *213*, 116730.
6. Quinones, M., Gallegos, A., **Lin, F.,** Heffner, K. Dysregulation of inflammation, neurobiology, and cognitive function in PTSD: An integrative review (2020). *Cognitive, Affective, and Behavioral Neuroscience, 20*(3), 455–480.

*Role:* manuscript revision.

1. #Rooks, B. †, Anthony, M., † Chen, Q., Lin, Y., Baran, T., Zhang, Z., Lichtenberg, P., & **Lin, F.** (2020) A generic brain connectome map linked to different types of everyday decision-making in old age. *Brain Structure and Function,* *225*(4), 1389–1400.

**2019**

1. Li, D., Mielke, M., Bell, W., Reilly, C., Zhang, L., **Lin, F**., Yu, F. Blood biomarkers as surrogate endpoints of treatment responses to aerobic exercise and cognitive training (ACT) in amnestic mild cognitive impairment: The blood biomarkers study protocol of a randomized controlled trial (The ACT Trial). 2019. *Trials, 21*(1).

*Role:* data collection; manuscript drafting; manuscript revision.

1. #Baran, T., Zhang, Z., Anderson, A. J., McDermott, K., & **Lin, F**. (2019). Brain structural connectomes indicate shared neural circuitry involved in subjective experience of cognitive and physical fatigue. *Brain Imaging Behav*. *14*(6), 2488–2499.
2. #Anderson, A., Binder, J., Fernandino, L., Humphries, C., Conant, L., Raizada, R., **Lin, F.**†& Lalor, E.†, (2019). An integrated neural decoder of linguistic and experiential meaning. *Journal of Neuroscience, 39*(45), 8969–8987.
3. #Wang, X., Heffner K., Anthony, M., & **Lin, F.** Stress adaptation in older adults with and without cognitive impairment: an fMRI pattern-based similarity analysis (2019). *Aging*, *11*(17), 6792–6804.
4. #Anderson, A. K., Ren, P., Baran, T., Zhang, Z., & **Lin, F.** (2019). Insula and putamen centered functional connectivity networks reflect healthy agers’ subjective experience of cognitive fatigue in multiple tasks. *Cortex, 119*, 428–440.
5. Magnuson, A., Lei, L., Gilmore, N., Kleckner, A. S., **Lin, F. V.**, Ferguson, R., Hurria, A., Wittink, M. N., Esparaz, B. T., Giguere, J. K., Misleh, J., Bautista, J., Mohile, S. G., & Janelsins, M. C. Longitudinal relationship between frailty and cognition in patients 50 years and older with breast cancer (2019).  *Journal of the American Geriatrics Society*, *67*(5), 928–936.

*Role:* data analysis; manuscript revision.

1. #Ren, P., Anderson, A., McDermott, K., Baran, T., **Lin, F.** Cognitive fatigue and cortical-striatal network in old age (2019). *Aging*, *11*(8), 2312–2326.
2. #\*†McDermott, K., †Ren, P., **Lin, F.** The mediating role of hippocampal networks on stress regulation in amnestic mild cognitive impairment (2019). *Neurobiology of Stress, 10*, 100162.
3. #Anderson, A, & **Lin, F**. How pattern information analyses of semantic brain activity elicited in language comprehension could contribute to the early identification of Alzheimer’s Disease (2019). *Neuroimage: Clinical, 22*, 101788.
4. Chapman, B. P., **Lin, F**., Roy, S., Benedict, R., & Lyness, J. M. Health risk prediction models incorporating personality data: Motivation, challenges, and illustration (2019). Personality Disorders: Theory, Research, and Treatment, 10(1), 46-58.

*Role:* manuscript revision.

1. #Wang, X., Ren, P., Baran, T., Raizada, R., Mapstone, M., **Lin, F.**, Longitudinal functional brain mapping in Supernormals (2019) *Cerebral Cortex*, *29*(1), 242–252.
2. Anderson, A., Lalor, E., **Lin, F.**, Binder J, Fernandino L., Humphries, C., Conant, L. Raizada, R., Grimm, S., Wang, X., Multiple regions of a cortical network commonly encode the meaning of words in multiple grammatical positions of read sentences (2019) *Cerebral Cortex*, *29*(6), 2396–2411.

*Role:* data analysis; manuscript revision.

**2018**

1. #Baran, T., **Lin, F.** Amyloid and FDG PET of Successful Cognitive Aging: Global and Cingulate-Speific Differences. Journal of Alzheimer’s Disease (2018), 66(1), 307-318.
2. †Yu, F., †**Lin, F**. V., Salisbury, D. L., Shah, K. N., Chow, L., Vock, D., Nelson, N. W., Porsteinsson, A. P., & Jack, C., Jr. Efficacy and mechanisms of combined aerobic exercise and cognitive training in mild cognitive impairment: study protocol of the ACT trial (2018). *Trials*, *19*(1), 700.
3. #Ren, P., Chapman, B., Zhang, Z., Schifitto, G., & **Lin, F.** Functional and Structural Connectivity of the Amygdala Underpins Locus of Control in Mild Cognitive Impairment (2018). *Neuroimage: Clinical*, *20*, 297–304.
4. Yu, F., Chen, Y., Mathiason, M. A., Wan, Q., & **Lin, F. V.** Cognitive and physical factors affecting daily function in Alzheimer's disease: A cross-sectional analysis (2018). *Nursing and health sciences*, *21*(1), 14–20.
5. #Anthony, M., & **Lin, F.,** A systematic review for functional neuroimaging studies of cognitive reserve across the cognitive aging spectrum. (2018) *Archives of Clinical Neuropsychology*, *33*(8), 937–948.
6. Magnuson, A., Lemelman, T., Pandya, C., Goodman, M., Noel, M., Tejani, M., Doughtery, D., Dale, W., Hurria, A., Janelsins, M., **Lin, F**. V., Heckler, C., & Mohile, S. Geriatric assessment with management intervention in older adults with cancer: a randomized pilot study (2018). *Supportive Care in Cancer*, *26*(2), 605–613.

*Role:* data analysis; manuscript revision.

1. Chapman B., Benedict, C., **Lin, F.**, Roy, S., Porsteinsson, P., Szigeti, K., Federoff, H., Mapstone, M. Apolipoprotein E genotype impact on memory and attention in older persons: The moderating role of personality phenotype. (2018). *International Journal of Geriatric Psychiatry*, *33*(2), 332–339.

*Role:* data analysis; manuscript revision.

**2017**

1. #†Wang, X., †Ren, P., Mapstone M., Conwell, Y., Porsteinsson, A., Foxe, J., Raizada, R., **Lin, F.**, Identify a shared neural circuit linking multiple neuropsychiatric symptoms with Alzheimer’s pathology (2017). *Brain, Imaging and Behavior*, *13*(1), 53–64.
2. **Lin, F.,** Ren, P., Wang, X., Tadin, D., & Heffner, K. Cortical thickness is associated with altered autonomic function in cognitively impaired and non-impaired older adults. (2017). *the Journal of Physiology*, *595*(22), 6969–6978.
3. #Ren, P., Heffner, K., Jacobs, A., & **Lin, F**. Acute affective reactivity and quality of life in older adults with amnestic mild cognitive impairment: A functional MRI study (2017). *The American Journal of Geriatric Psychiatry*, *25*(11), 1225–1233.
4. **Lin, F.**, Wang, X., Wu, R., Rebok, G., Chapman, B. Identification of successful cognitive aging in the Alzheimer’s Disease Neuroimaging Initiative Study. (2017). *Journal of Alzheimer’s Disease*, *59*(1), 101–111*.*
5. Victoroff, J, **Lin, F.**, Coburn K, Shillcutt, S., Voon, V., Ducharme, S. Non-cognitive behavioral changes associated with Alzheimer's disease. (2018). *Journal of Neuropsychiatry and Clinical Neurosciences*, *30*(1), 14-21.

*Role:* manuscript drafting and manuscript revision.

1. #Ren, P., Anthony, M., Heffner, K., Chapman, B., & **Lin, F.** Amygdala functional connectivity is associated with locus of control in the context of cognitive aging. (2017). *Neuropsychologia, 99*, 199–206.
2. Chapman, B., Benedict, R., **Lin, F.,** Roy, S., Federoff, H., Mapstone, M. Personality and performance in specific neurocognitive domains among older persons. (2017). *The American Journal of Geriatric Psychiatry*, *25*(8), 900–908.

*Role:* manuscript drafting and manuscript revision.

1. **Lin, F.**, Heffner, K., Ren, P., & Tadin, D. A role of parasympathetic nervous system in cognitive training (2017). *Current Alzheimer’s Research*, *14*(7), 784–789.
2. Mapstone, M., **Lin, F.,** Nalls, M., Cheema, A., Singleton, A.B., Fiandaca, M., Federoff, H. What success can teach us about failure: The plasma metabolome of older adults with superior memory and lessons for Alzheimer’s disease (2017). *Neurobiology of Aging*, *51*, 148–155.

*Role:* data analysis, manuscript drafting and manuscript revision.

1. †Shah, K., †**Lin, F.,** Yu, F., & McMahon, J. Activity engagement and physical function in old age: A nationally representative sample (2017). *Archives of Gerontology and Geriatrics*, 69, 55-60.
2. **Lin, F.**, Ren, P., Mapstone M., Meyers, S., Porsteinsson, A., Baran, T. The cingulate cortex of older adults with excellent memory capacity (2017). *Cortex*, , *86*, 83–92.
3. **Lin, F.**, Ren, P., Lo, Y., Chapman, B., Jacobs, A., Baran, T., Porsteinsson, A., & Foxe, J., Insula and inferior frontal gyrus’ activations protect memory performance against alzheimer’s pathology in old Age (2017). *Journal of Alzheimer’s Disease*, *55*(2), 669–678.

**2016**

1. Wu, R., Rebok, G., **Lin, F.** A novel theoretical life course framework for triggering cognitive development across the lifespan. (2016). *Human Development*, 59(6), 342-365.

*Role:* manuscript drafting and manuscript revision.

1. #Ren, P., Lo, R., Chapman, B., Mapstone, M., Porsteinsson, A., & **Lin., F.** Longitudinal alteration of intrinsic brain activity in the striatum in mild cognitive impairment (2016). *Journal of Alzheimer’s Disease*, 54(1): 69-78.
2. **Lin, F.,** Ren, P., Cotton, K., Porsteinsson, A., Mapstone, M., & Heffner. K. (2016) Mental fatigability and heart rate variability in mild cognitive impairment. *The American Journal of Geriatric Psychiatry*, 24(5): 374-378.
3. **Lin, F.**, Heffner, K., Ren, P., Tivarus, M., Brasch, J., Chen, D., Mapstone, M., Porsteinsson, A., & Tadin D. (2016). Cognitive and neural effects of vision-based speed of processing training in older adults with amnestic mild cognitive impairment: A pilot study. *Journal of the American Geriatrics Society,* 64(6): 1293-1298.

**2015**

1. #†David, N.D., †**Lin, F**., & Porsteinsson, A. Trajectories of neuropsychiatric symptoms and cognitive decline in older adults with mild cognitive impairment. (2016). *The American Journal of Geriatric Psychiatry,* 24(1): 70-80*.*
2. Hill, N., Mogle J., Colancecco, E., Dick, R. Hannan, J., & **Lin, F.** (2015). Feasibility study of an attention training application for older adults. *International Journal of Older Person Nursing*, 10(3): 214-249.
3. †Hill, K.,†**Lin, F.,** Parisi, J.,& Kolanowski, A. (2015).Personality clusters moderate the relationship between leisure activity and executive control in older adults. *Activities, Adaptation and Aging*, 39(2): 153-176.
4. †**Lin, F.**, †Roiland R., Chen, DG, & #Qiu, C. Linking cognition and frailty in middle and old age: metabolic syndrome matters (2015). *International Journal of Geriatric Psychiatry,* 30(1): 64-71.
5. †Roiland, R., †**Lin. F.,** Phelan, C., & Chapman, B. (2015). Stress regulation as a link between executive function and pre-frailty in older adults*. Journal of Nutrition, Health, and Aging*, 19(8): 828-38.

**2014**

1. Chen, D.G., Chen, X., **Lin, F.,** Tang, W. Y.L. and Guo, Y. (2014). Cusp Catastrophe polynomial model: power and sample size determination. *Open Journal of statistics*, 4(10): 803-813.

*Role:* manuscript drafting and manuscript revision.

1. †**Lin, F.,** †Lo, R., Cole, D., Ducharme, S., Chen, D., Mapstone, M., Porsteinsson, A., & ADNI group (2014). Longitudinal effects of metabolic syndrome on Alzheimer and vascular-related brain pathology. *Dementia and Geriatric Cognitive Disorders EXTRA*, 4(2): 184-94.
2. **Lin, F.**, Roiland, R., Heffner, K., #Johnson, M., Chen, DG., & Mapstone, M. (2014). Evaluation of objective and perceived mental fatigability in older adults with vascular risk. Journal of Psychosomatic Research, 76(6): 458-64.
3. Chen, D.G., Chen, C., Tang W, & **Lin, F** (2014). Statistical power analysis for Guastello's Cusp Catastrophe Polynomial Regression Model: A simulation-based approach. Lecture in W.G. Kennedy, N. Agarwal, and SJ. Yang (Eds.): SBP 2014, Lecture Notes in Computer Science 8393, pp, 35-41.
4. **Lin, F.,** Suhr, J., Diebold, S., & Heffner, K. (2014). Associations between depressive symptoms and memory deficits vary as a function of insulin-like growth factor (IGF-1) levels in healthy older adults. *Psychoneuroendocrinology 42,*118-123.
5. †Chen, D-G, †**Lin, F.**, Chen, X., Wang, T., & Kitzman, H (2014). Cusp catastrophe model: A nonlinear model for health outcomes in nursing research. *Nursing Research,* 63(3): 211-20.
6. **Lin, F.,** Roiland, R., Polesskaya, O., Chapman, B., #Johnson, M., Brasch, J., Chen, D., & Mapstone, M. (2014). Fatigability disrupts cognitive processes' regulation of inflammatory reactivity in old age. *The American Journal of Geriatric Psychiatry,* 22(12): 1544-54.
7. #Johnson, M., **& Lin, F.** Communication difficulty and relevant interventions in mild cognitive impairment: Implications for neuroplasticity (2014). *Topics in* *Geriatric Rehabilitation, 30*(1), 18-34.
8. **Lin, F.**, Heffner K.L., Mapstone M., Chen D., & Porsteinsson A.P. (2014) Frequency of mentally stimulating activities modifies the relationship between cardiovascular reactivity and executive function in old age. *The American Journal of Geriatric Psychiatry*, 22(11): 1210-21.

**2013 or earlier**

1. **Lin, F.**, Chen, D., Vance, D. E., Ball, K., & Mapstone, M (2013). Longitudinal relationships of subjective fatigue, cognitive function, and everyday functioning in old age. *International Psychogeriatrics, 25*(2), 275-285.
2. **Lin, F.**, Chen, D., Vance, D.E., & Mapstone, M. (2013). Trajectories of combined laboratory- and real world-based speed of processing in community-dwelling older adults: Predictors and functional outcomes. *Journal of Gerontology Series B: Psychological Sciences and Social Sciences, 68*(3), 364-373
3. **Lin, F.,** Vance, D.E., Gleason, C.E., & Heidrich, S.M. (2012). Taking care of older adults with mild cognitive impairment: An update for nurses. *Journal of Gerontological Nursing, 38* (12), 22 - 35(featured as Continuing Nursing Education article).
4. **Lin, F.,** Friedman, E., Quinn, J., Chen, D., & Mapstone, M. (2012). Effect of leisure activities on inflammation and cognitive function in an aging sample. *Archives of Gerontology and Geriatrics, 54(3):* e398-404.
5. **Lin, F.,** & Heidrich, S. M. (2012). Role of older adult’s illness schemata in coping with mild cognitive impairment. *Journal of* *Psychosomatic Research*, *72*(5), 357-363.
6. Vance, D.E., Kaur, J., Fazeli, P.L., Talley, M.H., Yuen, H.K. & **Lin, F.**, (2012). Neuroplasticity and successful cognitive aging: A brief overview for nursing. *Journal of Neuroscience Nursing, 44*(4):218-227.

*Role:* manuscript drafting and manuscript revision.

1. **Lin, F.**, Gleason, C.E., & Heidrich, S.M. (2012). Illness representations in older adults with mild cognitive impairment. *Research in Gerontological Nursing*, *5*(3):195-206.
2. **Lin F,** Wharton W, Dowling NM, Ries ML, Johnson SC, Carlsson CM, Asthana S, & Gleason CE. (2010). [Awareness of memory abilities in community-dwelling older adults with suspected dementia and mild cognitive impairment.](http://www.ncbi.nlm.nih.gov/pubmed/20714155) *Dementia and Geriatric Cognitive Disorders, 30* (1), 83-92.

**Original Research Under Review**

**>5, provided upon request**

**PUBLISHED ABSTRACTS, CONFERENCE TALKS, INVITED TALKS]**

**>200, provided upon request**

**PRIMARY SERVICE**

2020-2024 Regular Member of NIH SPIP

2018-Present Member of Alzheimer’s Clinical Trials Consortium Nonpharmacological Interventions Committee, NIH

2010-Present Editorial board/Associate Editor: *Dementia and Geriatric Cognitive Disorders, Journal of Alzheimer’s Disease*

2010-Present Invited/Appointed Ad Hoc Grant Reviewer: NASA, NIH, The Netherlands Organisation for Scientific Research, US Department of Veterans Affairs Rehabilitation R&D Scientific Group Review, American Academy of Nursing, Alzheimer’s Association, Sigma Theta Tau International

2006-Present Journal review for >50 journals.

**AWARDS AND FELLOWSHIPS**

2020 Wilson Professorship, University of Rochester

2017 Invited talk with travel fund, Alzheimer’s Association International Conference (AAIC).

2016 Brilliant New Investigator Award, The Council for the Advancement of Nursing Science (CANS)

2013 Fellow, 13th Annual OBSSR/NHLBI Summer Institute on the Design and Conduct of Randomized Clinical Trials involving Behavioral Interventions, NIH

2013 Travel Award, The Gerontological Society of America & NIA/NIH

2012 Fellow, Summer Research Institute in Geriatric Mental Health, NIMH/NIH

2012 Young Investigator Award, American Neuropsychiatric Association

2010 Travelling Fellowship, International Conference on Alzheimer’s Disease (ICAD)

2008 Technical Assistance Workshop Training Fellowship, NIA/NIH

**PROFESSIONAL AFFLIATIONS**

2012 – present Society for Neuroscience

2010 – present ISTAART - Alzheimer's Association

2008 – present Gerontological Society of America

**TEACHING**

* 1. Course instructor: Principles and Application of Evidence for Nursing Practice; Applied Statistics I, University of Rochester

2011-Present Lecturer: Neuroscience Graduate Seminar; Comprehensive Gerontological Care; Cognitive Neuroscience; Theory and Research on Health Behavior; Role of the Clinical Researcher, University of Rochester

2012-Present Mentoring postdocs (n = 6); PhD students in Biostatistics (n =1), Neuroscience (n = 5), Brain and Cognitive Sciences (n = 3), Nursing (n = 2), BME (n = 1), MD students (n = 2), and undergrad or master student research (n > 20). University of Rochester