

## CURRICULUM VITAE

### PHILLIP F AGRES, PhD

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**Address:** 300 Summit St, Hartford CT, USA 06106

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### ACADEMIC POSITIONS

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**Visiting Assistant Professor** 2026 – Present  
Department of Psychology  
Trinity College (Hartford CT)

**Instructor** 2024 – 2025  
Department of Psychology  
Loyola University Chicago (Chicago, IL)

**Postdoctoral Scholar** 2022 – 2025  
Center for Neurocognitive Outcomes Improvement Research  
Department of Neurology, Biological Sciences Division  
The University of Chicago (Chicago, IL)

**Graduate Teaching & Research Assistant** 2016 – 2022  
Center for Vital Longevity  
School of Behavioral & Brain Sciences  
University of Texas at Dallas (Dallas, TX)

### EDUCATION

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**PhD – Cognition & Neuroscience** (Cognitive Neuroscience) 2016 – 2022  
University of Texas at Dallas (Richardson, TX)

**MS – Applied Cognition & Neuroscience** 2014 – 2016  
University of Texas at Dallas (Richardson, TX)

**BA – Psychology** (Minor: Biology) 2008 – 2011  
Florida International University (Miami, FL)

### TEACHING EXPERIENCE

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**Trinity College** 2026-Present  
Brain and Behavior: Fall 2026, Spring 2027  
Cognitive Neuroscience: Fall 2026  
Human Neuropsychology: Spring 2027

**Loyola University Chicago** 2024 – 2025  
Research Methods in Psychology (Undergraduate): Spring 2024 – Fall 2025

**University of Texas at Dallas – Graduate Teaching Assistant** 2016 – 2021  
Cognitive Psychology(Undergrad): Fall 2018, Fall 2021  
Cognitive Psychology(Graduate): Spring 2017, Spring 2018  
Experimental Projects in Psychology(Undergrad): Fall 2016, Fall 2017, Spring 2019,  
Fall 2019, Spring 2020

Health Psychology(Undergrad): Fall 2020

Agres CV – May 2026

## MENTORSHIP

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University of Chicago Postdoc Mentor Training Certificate	2024
<b>Loyola University Chicago</b>	
Joshua Tait (Undergraduate Student)	2024
Grace Newell (Undergraduate Student)	2024 – 2025
Ashley Riemer (Undergraduate Student)	2025 – 2026
<b>University of Chicago</b>	
Anikka Jordan (Research Assistant)	2023 – 2025
Julliana Ramirez-Matias (MD/PhD Student)	2023
<b>University of Texas at Dallas</b>	
Ezra Winter-Nelson (PhD Student)	2020 – 2022
Claudia Carreño (Masters Student)	2016 – 2018
Ashlynn Southerland (Undergraduate Student)	2016

## PEER-REVIEWED PUBLICATIONS

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1. Goicoechea, E. B. \*, **Agres, P. F. \***, Rau, J. M., San Agustín, A., & Voss, J. L. (2026). A meta-analysis suggests that TMS targeting the hippocampal network selectively improves episodic memory. *eLife*, 14, RP108934. \*Co-first authorship.
2. Han, L., Chan, M.Y., **Agres, P.F.**, Winter-Nelson, E., Zhang, Z., Wig, G.S. (2024). Measures of resting-state brain network segregation and integration vary in relation to data quantity: Implications for within and between subject comparisons of functional brain network organization. *Cerebral Cortex*. 34(2): bhad506.
3. Han, L., Savalia, N.K., **Agres, P.F.**, Chan, M.Y., Nair, A.S., Wig, G.S. (2018). Functional parcellation of the cerebral cortex across the human adult lifespan. *Cerebral Cortex*. 28(12): 4403-4423.
4. Chan, M.Y., Na, J., **Agres, P.F.**, Savalia, N.K., Park, D.C., Wig, G.S. (2018). Socioeconomic status moderates age-related differences in the brain's functional network organization and anatomy across the adult lifespan. *Proceedings of the National Academy of Sciences USA*. 115(22): E5144-E5153
5. Savalia, N.K., **Agres, P.F.**, Chan, M.Y., Feczko, E.J., Kennedy, K.M., Wig, G.S. (2017). Motion related artifacts in structural brain images revealed with independent estimates of in-scanner head motion. *Human Brain Mapping*. 38(1): 472-492.

## MANUSCRIPTS UNDER REVIEW

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1. Wig, G.S., Han, L., Chan, M.Y., Park, D.C., Hassenstab, J., **Agres, P.F.**, Zhang, Z., Winter-Nelson, E. (Under review). Cognitive and functional impacts of brain network vulnerability in aging adults.
2. **Agres, P.F.**, Han, L., Chan, M.Y., Nair, A.S., Carreno, C.A., Wig, G.S. (Under review). Individualized targeting of human brain networks produces spatially structured changes in functional connectivity.

## MANUSCRIPTS IN PREPARATION

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1. **Agres, P.F.**, Jordan, A.G., Baudo, R.B., Voss, J.L. (In preparation). A short-term relational memory paradigm for optimizing hippocampal network-targeted non-invasive stimulation.
2. **Agres, P.F.**, Jordan, A.G., Rau, J. M., Kragel, J.E., Voss, J.L. (In preparation). Individual differences in hippocampal-cortical network functional connectivity predict relational memory performance.

## INVITED TALKS

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1. Gross anatomy and function of the brain: the neural basis for behavior (2025). Loyola University Chicago, Chicago, IL.
2. Individualized targeting and stimulation of brain networks for memory enhancement (2024). Loyola University Chicago, Chicago, IL.
3. Individualized targeting and non-invasive stimulation of functional brain networks (2022). Masonic Institute for the Developing Brain, University of Minnesota, Minneapolis, MN.
4. Individualized targeting and non-invasive stimulation of functional brain networks (2022). University of Chicago, Chicago, IL.
5. Non-invasive stimulation of individual subject brain networks (2019). Dallas & Austin Area Memory Meeting, Dallas, TX.
6. Cortical thinning of functional brain systems across the adult lifespan (2017). Dallas & Austin Area Memory Meeting, Austin, TX.

## CONFERENCE ABSTRACTS

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1. **Agres, P.F.**, Jordan, A.G., Baudo, R.B., Voss, J.L. (2024). Optimizing a within-trial episodic memory paradigm for hippocampal network-targeted non-invasive stimulation. Society for Neuroscience Annual Meeting, Chicago, IL.
2. **Agres, P.F.**, Baudo, R.B., Kragel, J.E., Voss, J.L. (2023). Closed-loop optimization of network-targeted stimulation for single-trial experimental paradigms. Society for Neuroscience Annual Meeting, Washington, DC.
3. Voss, J.L. & **Agres P.F.** (2023). Efficiency of hippocampal indirectly targeted stimulation (HITS) for recollection improvement: A systematic review of transcranial electromagnetic stimulation experiments. Society for Neuroscience Annual Meeting, Washington, DC.
4. **Agres, P.F.**, Han, L., Chan, M.Y., Nair, A.S., Carreno, C.A., Wig, G.S. (2022). Individualized targeting and non-invasive stimulation of functional brain networks reveals stimulation-specific impacts on resting-state functional correlations. Society for Neuroscience Annual Meeting, San Diego, CA.
5. Yu, J., Chan, M.Y., Han, L., **Agres, P.F.**, Abdi, H. (2020). A multivariate approach to analyze connectivity matrices with individual-specific parcellation. Organization for Human Brain Mapping Annual Meeting, (Virtual).
6. Han, L., Chan, M.Y., **Agres, P.F.**, Wig, G.S. (2019). Assessment of resting-state brain network reliability over multiple measurements: implications for longitudinal observations. Dallas Aging and Cognition Conference, Dallas, TX.
7. **Agres, P.F.**, Chan, M.Y., Han, L., Savalia, N.K., Wig, G.S. (2018). Organized patterns of cortical thinning observed across the healthy adult lifespan. Cognitive Neuroscience Society Annual Meeting, Boston, MA.
8. Chan, M.Y., Na, J., **Agres, P.F.**, Savalia, N.K., Park, D.C., Wig, G.S. (2018). Socioeconomic status moderates age-related differences in brain anatomy and functional network organization across the adult lifespan. Cognitive Neuroscience Society Annual Meeting, Boston, MA.
9. Han, L., Savalia, N.K., Chan, M.Y., **Agres, P.F.**, Wig, G.S. (2017). Functional parcellation of the cerebral cortex across the healthy adult lifespan using resting-state functional connectivity. Dallas Aging and Cognition Conference, Dallas, TX.
10. Chan, M.Y., Alhazmi, F., Savalia, N.K., Park, D.C., **Agres, P.F.**, Wig, G.S. (2017). Age associated differences in resting-state network topology predict differences in task-evoked activity. Dallas Aging and Cognition Conference, Dallas, TX.
11. Cooper, C.M., Savalia, N.K., **Agres, P.F.**, Chan, M.Y., Han, L., Fava, M., Kurian, B., McGrath, P., Parsey, R., Weissman, M., Wig, G.S. Trivedi, M.H. (2016). Identifying clinically relevant subgroups in major depressive disorder using resting-state functional connectivity: results from the EMBARC study. American College of Neuropsychopharmacology Annual Conference, Hollywood, FL.
12. Savalia, N.K., Cooper, C.M., **Agres, P.F.**, Chan, M.Y., Han, L., Fava, M., Kurian, B., McGrath, P., Parsey, R., Weissman, M., Trivedi, M.H., Wig, G.S. (2016). Resting-state functional connectivity classifies patients with Major Depressive Disorder into clinically distinct sub-groups. Society for

Neuroscience Annual Meeting, San Diego, CA.

13. Han, L., Savalia, N.K., Chan, M.Y., **Agres, P.F.**, Wig, G.S. (2016). Functional parcellation of the cerebral cortex across the healthy adult lifespan using resting-state functional connectivity. Society for Neuroscience Annual Meeting, San Diego, CA.
14. Chan, M.Y., Alhazmi, F., Savalia, N.K., Park, D.C., **Agres, P.F.**, Wig, G.S. (2016). Age associated differences in resting-state network topology predict differences in task-evoked activity. Society for Neuroscience Annual Meeting, San Diego, CA.
15. Savalia, N.K., **Agres, P.F.**, Chan, M.Y., Kennedy, K.M., Park, D.C., Wig, G.S. (2015). Motion related noise in structural brain images may be revealed with independent estimates of in-scanner head motion. Society for Neuroscience Annual Meeting, Chicago, IL.

## OTHER SCHOLARLY WORK

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1. Savalia N.K., **Agres, P.F.**, Chan, M.Y., Carreno, C.A., Nguyen, L., Wig, G.S. (2023). Freesurfer processing & editing overview (v2.1). Supplement to *Savalia et al., 2017*. Wig Neuroimaging Lab, Center for Vital Longevity, University of Texas at Dallas, Dallas, TX.
2. **Agres, P.F.** (2022). Effects of transcranial magnetic stimulation on individual brain networks. PhD dissertation, School of Behavioral & Brain Sciences, University of Texas at Dallas, Richardson, TX.
3. Savalia N.K., **Agres, P.F.**, Wig, G.S. (2017). Freesurfer processing & editing overview. Supplement to *Savalia et al., 2017*. Wig Neuroimaging Lab, Center for Vital Longevity, University of Texas at Dallas, Dallas, TX.

## AWARDS AND FUNDING

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Ruth L. Kirschstein Postdoctoral Individual National Research Service Award 2024  
Role: Principal Investigator  
Status: Not funded

National Science Foundation Early-Concepts Grant for Exploratory Research 2019  
Role: Co-Investigator  
Award: \$100,000  
Status: Completed

UT Dallas BBS Conference Travel Award: \$1000 2022  
UT Dallas ACN Program Conference Travel Award: \$200 2015  
FIU Presidential Scholarship Award: \$10,000 2008

## SERVICE

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### Professional Memberships

Society for Neuroscience 2015-present  
Cognitive Neuroscience Society 2017-present

### Ad-Hoc Reviewing

Annals of the New York Academy of Sciences  
Cerebral Cortex  
eNeuro  
Journal of Cognitive Neuroscience  
Neuroimage