Hudson Golino

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UVA Profile r-ega.net LinkedIn

Professional Address

Department of Psychology, University of Virginia
485 McCormick Road, Gilmer Hall, Room 102, Charlottesville, VA 22903

Research Interests

AI, Large Language Models, Machine Learning, **Text Mining, Natural Language Processing**, **Network Psychometrics**, Psychological Methods, Data Mining, Applications of Statistical Mechanics and Information Theory in Psychology, R Programming, **Software Development in R**, Disinformation, Psychological Test and Assessment, Computational Methods.

Experience

2025 - Present | **Board of Scientific Affairs**
Member Elected
American Psychological Association

2022 - Present | **Associate Professor of Quantitative Methods** (Head of the Quantitative Psychology Area - 2025)
Department of Psychology, College and Graduate School of Arts and Sciences
University of Virginia

2017 - 2022 | **Assistant Professor of Quantitative Methods**
Department of Psychology, College and Graduate School of Arts and Sciences
University of Virginia

2017 - Present | **Faculty, LIFE Academy**
Joint graduate program of the University of Virginia, University of Michigan, Max Planck Institute for Human Development, Humboldt University, Free University of Berlin, and University of Zurich

2015 - 2017 | **Assistant Professor**
Graduate School of Applied Computing and Department of Psychology
Universidade Estadual de Feira de Santana, Brazil

2015 - 2017 | **Assistant Professor**
Graduate School of Psychology
Universidade Salgado de Oliveira, Brazil

2014 - 2014 | **Data Science Consultant**
IBR Hospital
Vitoria da Conquista, Brazil

2013 - 2015 | **Assistant Professor of Psychology** *Faculdade Independente do Nordeste, Brazil*

2013 - 2014 | **Assistant Professor of Psychology**
Interim Chair of the Department in 2014
Faculdade Juvencio Terra, Brazil

Education

2012 – 2015	**PhD, Universidade Federal de Minas Gerais, Brazil** *Graduate School of Neuroscience With a three-month research visit at the Institute of Nuclear Sciences Universidad Nacional Autonoma de Mexico (UNAM) in the field of Data Mining. Dissertation Topic: Machine Learning and Data Mining Applied to Psychology, Education, and Health*
2011 – 2012	**MSc, Universidade Federal de Minas Gerais, Brazil** *Area: Developmental Psychology with a focus on Psychological Methods and Psychometrics*
2007 – 2011	**BS in Psychology, Universidade Federal de Minas Gerais, Brazil**

Software: R Packages (*maintainer/author)

Total Downloads	*>278k downloads*
2019 – present *248,000 total downloads; ≈ 12,000 downloads/month*	***Golino, H.**, & Christensen, A. P. *EGAnet: Exploratory graph analysis: A framework for estimating the number of dimensions in multivariate data using network psychometrics*. R package version 2.0.8. Available from https://CRAN.R-project.org/package=EGAnet
2023 – present *14,000 downloads*	***Tomašević, A.**, Christensen, A. P.& **Golino, H.**, *transforEmotion: Generative AI Models for Text, Image and Video Using Transformer Models*. R package version 0.1.4. Available from https://CRAN.R-project.org/package=transforEmotion
2024 – present *to be released*	***Russell-Lasalandra, L.**, **Golino, H.** & Christensen, A. P. *AIGENIE: Generate and Validate Items Automatically via AI-GENIE using LLMs and Network Psychometrics*. R package version 0.1.0. (to be released)
2022 – present *16,000 downloads*	*Christensen, A. P., & **Golino, H.** *latentFactoR: Data simulation based on latent factors*. R package version 0.0.5. Available from https://CRAN.R-project.org/package=latentFactoR
2022 – present	***Golino, H.** & Sanders-Valladares, T. *emoxicon: A package for emotion detection using Rasch models*. R package version 1.0.0. Available from [GITHUB]

Workshops for a Global Audience via *Statistical Horizons* and *Code Horizons*

>300 researchers from 37 countries have learned with me up to August 2025

2025 – present.
Golino, H. *Text Classification with Large Language Transformer Models in R.*
https://codehorizons.com/Seminars/text-classification-with-large-language-transformer-models-in-r/

2025 – present.
Golino, H. *LLM Text Generation in R: Practical Prompt Engineering.*
https://codehorizons.com/Seminars/llm-text-generation-in-r-practical-prompt-engineering/

2023 – 2025.
Golino, H., & Christensen, A. P. Using Large Language Transformer Models for Research in R: A Short Course.
https://codehorizons.com/Seminars/using-large-language-transformer-models-for-research-in-r/

2025 – present.
Golino, H. Automatic Item Generation and Validation using LLMs and AI-GENIE
https://codehorizons.com/Seminars/automatic-item-generation-and-validation/

2022 – present.
Golino, H. Network Psychometrics with Exploratory Graph Analysis using R: A An Innovative Approach to Structural Validity,

Item Analysis, and Dimension Analysis.
https://statisticalhorizons.com/seminars/network-psychometrics-with-exploratory-graph-analysis/

Selected News Coverage of Recent Work [1]

- **NBC/29 News**: *Human-Centered AI and UVa Investments*
- **Wired**: *AI-Generated Fake News Is Coming to an Election Near You*
- **NBC/29 News**: *On the regulations for high-risk AI*
- **UVa News**: *Harnessing AI in Higher Education*
- **NBC/29 News**: *UVA AI-generated misinformation study shows surprising differences among age groups*
- **Neuroscience News**: *Using their new Taxonomic Graph Analysis, researchers mapped personality from the ground up*
- **UVa Annual Research Report**: *AI Research Highlights*
- **UVa Today**: *Research Finds Gen Z, Millennials More Vulnerable to AI-Generated Fake News*
- **Forbes**: *Gen Z And Millennials More Likely To Fall For AI-generated Fake News Than Older People, Test Finds*
- **Scientific American**: *How Susceptible Are You to Misinformation? There's a Test You Can Take (AI-generated fake news vs real news)*
- **Science Magazine**: *First misinformation susceptibility test finds Gen Z and millennials are most vulnerable to fake news (AI-generated fake news vs real news)*
- **UVA Today**: *Research Finds Gen Z, Millennials More Vulnerable to Fake News*
- **Pourquoi Docteur (French Press)**: *Les générations Z et Y sont plus vulnérables face à la désinformation*
- **Science Blog**: *'Very Online' Gen Z And Millennials Are Most Vulnerable To Fake News*
- **Association for Psychological Science**
- **Phys.Org**: *First misinformation susceptibility test finds 'very online' Gen Z and millennials are most vulnerable to fake news*
- **Science Based Medicine**: *The Misinformation Wars*
- **Deutsch Medscape**: *So riskant sind Fake News und Mythen zur Ernährung – wer ist besonders gefährdet? Was Ärzte beachten sollten*
- **Univision**: *Descubre cuál es la probabilidad de que caigas en una noticia falsa*

[1] Based on my new projects on LLMs/Artificial Intelligence or on the following paper covering AI-generated fake news vs real news: Maertens, R., Götz, F. M., **Golino, H.**, Roozenbeek, J., Schneider, C. R., Kyrychenko, Y., ... van der Linden, S. (2023). The Misinformation Susceptibility Test (MIST): A psychometrically validated measure of news veracity discernment. *Behavior Research Methods*, 1-37. https://doi.org/10.3758/s13428-023-02124-2

Publications

General Statistics (according to Google Scholar - October, 2025)

Citations: 8031 h-index: 42 i10-index: 64 Number of articles (including preprints of papers under review): 82
Citation Colors: **[Selected Publications Only]**. Cyan = Between 50 and 100 citations, Teal = Between 100 and 500 citations, Orange ≥ 500 citations

Papers * co-first author, † graduate student, ‡ undergraduate student	Concept	Data Cur.	Analysis	Funding	Invest.	Method.	Admin.	Resources	Software	Supervis.	Validation	Visual	First Draft	Editing	Citations[2]
In Preparation & Under Review (30 total)	**CRediT** Contributor Roles														
Golino, H. (Submitted). What I Learned with John: On the Depth of Language and How to Measure It with Large Language Models and Algorithm (Kolmogorov) Complexity . *Psychological Review*. [DOI][OSF]	X	X	X	X	X	X	–		X			X	X	X	
Golino, H. (2025). Construct Emergence Tracing: A new methodology for interpretability of Large Language Models. *in preparation*.	X	X	X	X	X	X	–		X			X	X	X	
Demetriou, A., Spanoudis, G., Kazali, E., Savva, A., Makris, N., Kazi, S., & **Golino, H.** (2025). Species of Mind: A Developmental Architecture for Human and LLM Intelligence. *in preparation*.	X	X	X		X	X	–		X			X	X	X	
De Duro, E. S., Veltri, G. A., **Golino, H.**, & Stella, M. (2025). Measuring and identifying factors of individuals' trust in Large Language Models. *arXiv preprint*, *Proceedings of the National Academy of Sciences*, [DOI][OSF]	X	X	X		X	X	–		X			X	X	X	
Christensen, A. P.& **Golino, H.** (Under Review). Exploratory Graph Model. *Psychometrika*. [DOI][OSF]	X	X	X		X	X	–		X			X	X	X	
Tomašević, A., **Golino, H.**, & Christensen, A. P. (Under Review). Decoding Emotion Dynamics in Videos using Dynamic Exploratory Graph Analysis and Zero-Shot Image Classification: A Simulation and Tutorial using the transforEmotion R package. *Psychological Methods*. [DOI][OSF]	X	X	X	X	X	X	–		X			X	X	X	
Tomašević, A., **Golino, H.**, & Christensen, A. P. (Under Review). transforEmotion: An Open-Source R Package for Emotion Analysis Using Transformer-Based Generative AI Models. *Computational Communication Research.*.	X	X	X	X	X	X	–		X			X	X	X	
Chu, K., & **Golino, H.** (In Preparation). Quantifying abstraction and depth of Large Language Model outputs via network and complexity science methods. .	X	X	X	X	X	X	–		X			X	X	X	

[2]Citation Colors: **[Selected Publications Only]**. Cyan = Between 50 and 100 citations, Teal = Between 100 and 500 citations, Orange ≥ 500 citations

Russell-Lasalandra†, L.L., Christensen, A. P., & **Golino, H.** (Under Review). Generative Psychometrics with AI-GENIE: Automatic Item Generation and Validation via Network-Integrated Evaluation. *Psychological Methods*. [DOI][OSF]	X	X	X	X	X	X	–		X	X		X	X	X	**13**
Russell-Lasalandra†, L.L. & **Golino, H.** (In Preparation). Performance-Based AI-GENIE: automatically developing, structurally validating, and computing item-parameters of math-based items and tests using LLMs and Exploratory Graph Analysis.	X	X	X		X	X	–		X	X		X	X	X	
Russell-Lasalandra†, L.L. & **Golino, H.** (Submitted). Prompt Engineering for Item Development using LLMs: what works and what doesn't for AI-GENIE. . *Proceedings of the International Meeting of the Psychometric Society: The 90th Annual Meeting, Minneapolis, MN, 2025*.	X	X	X		X	X	–		X	X		X	X	X	
Russell-Lasalandra†, L.L. & **Golino, H.** (In Preparation). A testbed and benchmark system for evaluating LLMs for Psychological, Behavioral, Social, Health, and Educational Sciences.	X	X	X		X	X	–		X		X	X	X	X	
Garrido, L.E., Russell-Lasalandra†, L.L. & **Golino, H.** (In Preparation). Dimensionality Reduction of LLM Embeddings of Items: Comparing Principal Component Analysis and Exploratory Graph Analysis.	X	X	X		X	X	–		X			X	X	X	
Golino, H. (Submitted). Decoding Large Language Models: Embedding Interpretability through Dynamical Systems, Quantum Information Theory and Dynamic Exploratory Graph Analysis. *Proceedings of the International Meeting of the Psychometric Society: The 90th Annual Meeting, Minneapolis, MN, 2025*. .	X	X	X		X	X	–		X			X	X	X	
Golino, H. (Submitted). Decoding Large Language Models: Embedding Interpretability through Dynamical Systems, Quantum Information Theory and Dynamic Exploratory Graph Analysis. *Proceedings of the International Meeting of the Psychometric Society: The 90th Annual Meeting, Minneapolis, MN, 2025*. .	X	X	X		X	X	–		X			X	X	X	
Pereira, R. B., Manfro, P., Viduani, A. C., Cosenza, V., Buchweitz, C., Piccin, J., Matsumura, R. M., Kohrt, B. A., Mondelli, V., Swartz, J. R., Fisher, H. L., van Heerden, A., &**Golino, H.** (Under review). What retrospective and dynamic assessments tell us about youth depression: A network analysis perspective. *Journal of Affective Disorders*.	X	X	X		X	X	–		X			X	X	X	
Golino, H. (in preparation). Improving LLM text classification with a Multilayered, Dynamic Exploratory Graph Analysis model aggregation.	X	X	X		X	X	–		X			X	X	X	
Golino, H., & Boker, S.M. (in preparation). Monticello Simulations: A new approach for validating new quantitative methods and metrics using Generative Artificial Intelligence and Large Language Transformer Models.	X	X	X		X	X	–		X			X	X	X	
Golino, H., Jimenez, M., , & Garrido, L.E. (under review). Generalized Total Entropy Fit Index: a new fit index for dimensionality analysis of bifactor structures with multiple general factors in SEM and Network Psychometrics. *Psychological Methods*. [DOI][OSF]	X	X	X		X	X	–		X			X	X	X	

Andrews[†], L., **Golino, H.**, Hayes, A., & Christensen, A. P. (in preparation). The dynamics of language in cognitive behavioral therapy for depression: An innovative approach using large language models and dynamic exploratory graph analysis.	X		X		X	X	–		X	X	X	X	X	X
Golino, H., Teles, M., Kennet, Y, van Der Linden, S. (in preparation). Psychological predictors of vulnerability to mis/disinformation.	X	X	X	X	X	X	–		X			X	X	X
Teles, M., **Golino, H.**, Kennet, Y, Lees, J (in preparation). Investigating the impact of psycho-educational online video interventions in decreasing susceptibility to mis/disinformation.	X	X	X	X	X	X	–		X			X	X	X
Teles, M., **Golino, H.**, Kennet, Y (in preparation). Aging differences in vulnerability to mis/disinformation: a semantic-network investigation.	X	X	X	X	X	X	–		X			X	X	X
Jamison[†], L., **Golino, H.**, & Christensen, A. P. (in preparation). Metric Invariance for Dynamic Exploratory Graph Analysis.	X	X	X		X	X	–		X	X		X	X	X
Jamison[†], L., **Golino, H.**, & Christensen, A. P. (in preparation). Estimating Network Loadings in Dynamic Exploratory Graph Analysis and its relation to the loadings of a direct autoregressive factor score model.	X	X	X		X	X	–		X	X		X	X	X
Teles, M., **Golino, H.** (in preparation). The longitudinal structure of intelligence in adults: dynamic exploratory graph analysis of the Virginia Cognitive Aging data.	X	X	X		X	X	–		X			X	X	X
Golino, H., Loula, A., El-Hani, C., Jamison[†], L., Piedrahita, M., Quest, J. (in preparation). Cognitive engagement using pupil dilation and micro-saccades in online games and tasks with different difficulty levels.	X	X	X		X	X	–		X	X		X	X	X
Golino, H., Demetriou, A., & Zebec, M. (Under Review). Predicting mental processes longitudinally: Machine learning modeling and structural equation models.	X	X	X		X	X	–		X			X	X	X
Valladares[†], T. S., **Golino, H.**, & Coan, J. (Under Review). Identifying emotions in texts using the Emoxicon approach to compare right and left-leaning trolls on Twitter. [DOI]	X	X	X		X	X	–		X	X		X	X	X
Golino, H., Thiyagarajan, J. A., Sadana, R., Teles, M., Christensen, A. P., & Boker, S. M. (Under Review). Investigating the broad domains of intrinsic capacity, functional ability and environment: An exploratory graph analysis approach for improving analytical methodologies for measuring healthy aging. *Intelligence*. [OSF]	X	X	X		X	X	–		X			X	X	X
Jamison[†], L., Christensen, A., & **Golino, H.** (Under Review). Optimizing Walktrap's Community Detection in Networks Using the Total Entropy Fit Index. [DOI]	X	X	X		X	X	–		X	X		X	X	X
Martynova[†], E., Boker, S.M., & **Golino, H.** (Under Review). Playing HAVOK on the Chaos Caused by Internet Trolls. [DOI]		X				X	–		X	X		X		X

Papers * co-first author, † graduate student, ‡ undergraduate student	Concept	Data Cur.	Analysis	Funding	Invest.	Method.	Admin.	Resources	Software	Supervis.	Validation	Visual	First Draft	Editing	Citations[3]
Accepted Papers (2)	**CRediT** Contributor Roles														
Tomašević, A., **Golino, H.**, & Christensen, A. P. (Conditionally Accepted). transforEmotion: An Open-Source R Package for Emotion Analysis Using Transformer-Based Generative AI Models. *Computational Communication Research*.	X	X	X		X	X	–		X			X	X	X	

[3]Citation Colors: **[Selected Publications Only]**. Cyan = Between 50 and 100 citations, Teal = Between 100 and 500 citations, Orange $\geq$ 500 citations

Papers * co-first author, † graduate student, ‡ undergraduate student	Concept	Data Cur.	Analysis	Funding	Invest.	Method.	Admin.	Resources	Software	Supervis.	Validation	Visual	First Draft	Editing	**Citations**
Published Papers (72 total)									**CRediT** Contributor Roles						
Kaiser, T., Herzorg, P., Brakemeier, E.L., & **Golino, H.** (2025). Must we always go idiographic? Information-theoretic approaches to testing ergodicity in temporal symptom networks. *Cognitive Therapy and Research*. [DOI][OSF]	X		X		X	X	–		X					X	
Golino, H., Nesselroade, J., & Christensen, A. P. (2025). Towards a psychology of individuals: The ergodicity information index and a bottom-up approach for finding generalizations. *Multivariate Behavior Research*, *60*(3), 528–555. [DOI][OSF]	X	X	X		X	X	–		X			X	X	X	**16**
Christensen, A. P., **Golino, H.**, Abad, F., & Garrido, L.E. (2025). Revised Network Loadings. *Behavior Research Methods*, *57*(114), [DOI][OSF]	X					X	–		X				X	X	
Samo, A., Garrido, L.E., Abad, F., **Golino, H.**, McAbee, S.T. & Christensen, A. P. (2025). Revisiting the IPIP-NEO personality hierarchy with taxonomic graph analysis. *Journal of Personality*. [DOI]	X					X	–		X				X	X	
Garrido, L. E., Christensen, A. P., **Golino, H.**, Martínez-Molina, A., Arias, V. B., Guerra-Peña, Dolores Nieto, M., Azevedo, F., Abad, F. J. (2025). A systematic evaluation of wording effects modeling under the exploratory structural equation modeling framework. (1-30), [DOI][OSF]							–						X	X	
Briganti, G., Scutari, M., Epskamp, S., Borsboom, D., Hoekstra, R. H. A., **Golino, H.**, Christensen, A. P., Morvan, Y., Ebrahimi, O. V., Costantini, G., Heeren, A., van Bork, R., de Ron, J., Bringmann, L. F., Huth, K., Haslbeck, J. M. B., Isvoranu, A.-M., Marsman, M., Blanken, T., Gilbert, A., Rhine, T., Fried, E. I., & McNally, R. J. (2024). Network analysis: An overview for mental health research. *International Journal of Methods in Psychiatric Research*. 31. [DOI]	X						–							X	**45**
Shi, D., Christensen, A. P., Day, E., **Golino, H.**, & Garrido, L.E. (2024). A Exploring Estimation Procedures for Reducing Dimensionality in Psychological Network Modeling. *Multivariate Behavioral Research*, *60*(2), 184–210. [DOI]		X				X	–		X	X		X		X	
Jamison†, L., Christensen, A. P., & **Golino, H.** (2024). Metric invariance in exploratory graph analysis via permutation testing. *Methodology*, *20*(2), 144–186. [DOI]	X	X	X		X	X	–		X	X		X	X	X	**33**
Garcia-Pardina, A.†, Abad, F. J., Christensen, A. P., **Golino, H.**, Garrido, L. E. (2024). Dimensionality assessment in the presence of wording effects: A network psychometric and factorial approach. *Behavior Research Methods*. [DOI][OSF]	X					X	–						X	X	**23**

Maertens, R., Götz, F. M., **Golino, H.**, Roozenbeek, J., Schneider, C. R., Kyrychenko, Y., ... & van der Linden, S (2024). The Misinformation Susceptibility Test (MIST): A psychometrically validated measure of news veracity discernment. *Behavior Research Methods*. 1-37. [DOI][OSF]	X	X	X		X	X	–		X				X	X	133

Papers * co-first author, † graduate student, ‡ undergraduate student	**Concept**	**Data Cur.**	**Analysis**	**Funding**	**Invest.**	**Method.**	**Admin.**	**Resources**	**Software**	**Supervis.**	**Validation**	**Visual**	**First Draft**	**Editing**	**Citations**
Published Papers						**CRediT** Contributor Roles									
Christensen, A. P., Garrido, L. E., Guerra-Peña, K., & **Golino, H.** (2024). Comparing community detection algorithms in psychological data: A Monte Carlo simulation. *Behavioral Research Methods*. [DOI][OSF]	X					X	–		X				X	X	133
Jimenez, M.†, Abad, F. J., Garcia-Garzon, E., **Golino, H.**, Christensen, A. P., & Garrido, L. E. (2023). Dimensionality assessment in bifactor structures with multiple general factors: A network psychometrics approach.. *Psychological Methods*. [DOI][OSF]						X	–		X				X	X	43
Christensen, A. P., Garrido, L. E., & **Golino, H.** (2023). Unique Variable Analysis: A Network Psychometrics Method to Detect Local Dependence. *Multivariate Behavioral Research*. [DOI][OSF]	X				X	X	–				X	X	X	X	140
Demetriou, A., Spanoudis, G. C., Christou, C., Greiff, S., Makris, N., Vainikainen, M., **Golino, H.**, & Gonida, E. (2023). Cognitive and Personality Predictors of School Performance from Preschool to Secondary School: An Overarching Model. *Psychology Review*, *130*(2), 480–512. [DOI]			X		X	X	–		X			X	X	X	
Brown, G.P., Delgadillo, J. & **Golino, H.** (2023). Distinguishing the Dimensions of the Original Dysfunctional Attitude Scale in an Archival Clinical Sample. *Cognitive Therapy Research*, *47*(1), 69–83. [DOI]			X		X	X	–		X					X	
Golino, H., Christensen, A. P., & Garrido, L. E. (2022). Exploratory graph analysis in context. *Revista Psicologia: Teoria E Prática*, *24*(3), ePTPPA14197. [DOI]	X	X	X	X	X	X	–	X	X		X	X	X	X	
Golino, H., Christensen, A. P., Moulder, R., Kim, S., & Boker, S. M. (2022). Modeling latent topics in social media using Dynamic Exploratory Graph Analysis: The case of the right-wing and left-wing trolls in the 2016 US elections. *Psychometrika*, *87*, 156–187. [DOI][OSF]	X	X	X	X	X	X	–	X	X		X	X	X	X	65
Sadana, R., and The International Consortium on Metrics and Evidence for Healthy Ageing Team (2022). Decade of Healthy Aging: Baseline Report. *World Health Organization*.			X		X	X	–		X					X	1471

Papers * co-first author, † graduate student, ‡ undergraduate student	Concept	Data Cur.	Analysis	Funding	Invest.	Method.	Admin.	Resources	Software	Supervis.	Validation	Visual	First Draft	Editing	Citations
Published Papers						**CRediT** Contributor Roles									
Till, A., Florquin, R., Christensen, A.P., **Golino, H.**, Kornreich C., Delhaye M., & Briganti G (2022). Unique Variable Analysis of Redundancy in ADHD Items from the Conners Teacher Rating Scale - Revised. *Psychiatria Danubina*, *34*(8), 214-219. [DOI]			X		X	X	–		X					X	
Christensen, A. P.*, & **Golino, H.*** (2021). Estimating the stability of psychological dimensions via Bootstrap Exploratory Graph Analysis: A Monte Carlo simulation and tutorial. *Psych*, *3*(3), 479–500. [DOI][OSF]	X	X	X	X	X	X	–	X	X		X	X	X	X	303
Christensen, A. P., & **Golino, H.** (2021). On the equivalency of factor and network loadings. *Behavior Research Methods*, *53*(4), 1563–1580. [DOI][OSF]	X	X	X	–	–	X	–		X		X	X	X	X	268
Christensen, A. P., & **Golino, H.** (2021). Factor or network model? Predictions from neural networks. *Journal of Behavioral Data Science*, *1*(1), 85–126. [DOI][OSF]	X	X	X	–	–	X	–	X	X	–	X	X	X	X	
Golino, H., Lillard, A. S., Becker, I., & Christensen, A. P. (2021). Investigating the structure of the Children's Concentration and Empathy Scale using Exploratory Graph Analysis. *Psychological Test and Adaptation and Development*. [DOI][OSF]	X	X	X	X	X	X	–	X	X		X	X	X	X	
Demetriou, A., Spanoudis, G., Makris, N., **Golino, H.**, & Kazi, S. (2021). Developmental reconstruction of cognitive ability: Interactions between executive, cognizance, and reasoning processes in childhood. *Cognitive Development*, *60*, 101124. [DOI]	X		X		X	X	–		–		X			X	
Demetriou, A., **Golino, H.**, Spanoudis, G., Makris, N., & Greiff, S. (2021). The future of intelligence: The central meaning-making unit of intelligence in the mind, the brain, and artificial intelligence. *Intelligence*, *87*, [DOI]			X				–		X				X	X	
Carvalho, L., Mourao, L., & **Golino, H.** (2021). Evidencias adicionais de validade da escala de satisfacao no trabalho [Additional structural validity evidence for the job satisfaction scale]. *Avaliacao Psicologica*, *20*(1), 61-70. [DOI]	X	X	X	X	X	X	–		X	X	X	X	X	X	
Gomes, C.M.A, **Golino, H.**& Peres, A.J.S. (2021). Evidências Desfavoráveis ao Postulado de Cargas Fatoriais Simples do Exame Nacional do Ensino Médio (ENEM)[Evidence Contrary to the Assumption of Simple Factor Loadings of the National High School Education Exam (ENEM)]. *Avaliação Psicológica*, *20*(3), 308-320. [DOI]	X	X	X	X	X	X	–		X	X	X	X	X	X	
Danoff†, J.S, Wroblewski, K.L., Graves, A.J, Quinn, G.C., Perkeybile A.M., Kenkel, W.M., Lillard, T.S., Parikh, H.I., **Golino, H.**, Gregory, S.G., Carter, S., Bales, K.L., & Connelly, J.J. (2021). Genetic, epigenetic, and environmental factors controlling oxytocin receptor gene expression. *Clinical Epigenetics*, *13*(23), [DOI]						X	–		X					X	64

Felix†, L. M., Alves, M. M., Teles, M., Jamison†, L., & **Golino, H.**. (2021). Longitudinal impact and effects of booster sessions in a cognitive training program for healthy elderly. *Archives of Gerontology and Geriatrics*, *94*(**o**), [DOI]		X	X			X	–		X		X	X	X	X	
Golino, H., Gomes, C.M.A., & Peres, A.J.S. (2021). Creating an objective measurement for the Enem: an analysis using the Rasch Model. *Psicologia: Teoria e Prática*, *23*(1), 01-21. [DOI]	X	X	X	X	X	X	–		X	X	X	X	X	X	

Papers * co-first author, † graduate student, ‡ undergraduate student	**Concept**	**Data Cur.**	**Analysis**	**Funding**	**Invest.**	**Method.**	**Admin.**	**Resources**	**Software**	**Supervis.**	**Validation**	**Visual**	**First Draft**	**Editing**	**Citations**
Published Papers	**CRediT** Contributor Roles														
Christensen, A. P., **Golino, H.**, & Silvia, P. J. (2020). A psychometric network perspective on the validity and validation of personality trait questionnaires. *European Journal of Personality*, *34*(6), 1095–1108. [DOI][OSF]	X	–	X	–	–	X	–	X	X	–	X	X	X	X	**301**
Golino, H., Moulder, R., Shi, D., Christensen, A. P., Nieto, M. D., Sjobeck, G., Nesselroade, J. R., Sadana, R., Thiyagarajan, J. A., & Boker, S. M. (2020). Entropy Fit Indices: New fit measures for assessing structure and dimensionality of multiple latent variables. *Multivariate Behavioral Research*. [DOI]	X	X	X	X	X	X	–	X	X		X	X	X	X	**106**
Golino, H., Shi, D., Christensen, A. P., Garrido, L. E., Nieto, M. D., Sadana, R., Thiyagarajan, J. A., & Martinez-Molina, A. (2020). Investigating the performance of Exploratory Graph Analysis and traditional techniques to identify the number of latent factors. *Psychological Methods*, *25*(3), 292–320. [DOI][OSF]	X	X	X	X	X	X	–	X	X		X	X	X	X	**501**
Gomes, C.M.A., Peres, A., & **Golino, H.** (2020). Fidedignidade Dos Escores Do Exame Nacional Do Ensino Médio (ENEM) [Reliability of The National Exam Of Upper Secondary Education (ENEM)]. *Psico*, *51*(2), e31145-e31145.			X	X			–						X	X	
Jaswal, V. K., Wayne, A., & **Golino, H.** (2020). Eye-tracking reveals agency in assisted autistic communication. *Nature Scientific Reports*, *10*(1), 1–10. [DOI]			X				–				X			X	**54**
Christensen, A. P., Gross, G. M., **Golino, H.**, Silvia, P. J., & Kwapil, T. R. (2019). Exploratory Graph Analysis of the Multidimensional Schizotypy Scales. *Schizophrenia Research*, *206*, 43–51. [DOI][OSF]							–		X				X	X	**95**
Kjellström, S., & **Golino, H.*** (2019). Mining concepts of health responsibility using text mining and exploratory graph analysis. *Scandinavian Journal of Occupational Therapy*, *26*(6), 395-410. [DOI]	X		X			X	–		X		X		X	X	
Golino, H., Hamer, R., Almers, E., & Kjellström, S. (2019). The Structure of the Epistemological Development in Teaching Learning Questionnaire. *Cogent Education*, *6*(1),	X	X	X	–	X	X			X		X	X	X	X	

Papers * co-first author, † graduate student, ‡ undergraduate student	Concept	Data Cur.	Analysis	Funding	Invest.	Method.	Admin.	Resources	Software	Supervis.	Validation	Visual	First Draft	Editing	Citations
Demetriou, A., Spanoudis, G., & **Golino, H.** (2018). gP for What is Common between Developing Intelligence and Personality: Response to the Commentators. *Journal of Intelligence*, *6*(4), 54. [DOI]			X					–					X	X	
Demetriou, A., Spanoudis, G., Zebec, M., Andreou, M., **Golino, H.**, & Kazi, S. (2018). Mind-Personality Relations From Childhood To Adolescence. *Journal of Intelligence*, *6*(4), 51. [DOI]			X					–					X	X	
Published Papers	**CRediT** Contributor Roles														
Garrido, L. E., Barrada, J. R., Aguasvivas, J. A., Martínez-Molina, A., Arias, V. B., Golino, H. F., ... & Rojo-Moreno, L. (2018). Is Small Still Beautiful for the Strengths and Difficulties Questionnaire? Novel Findings Using Exploratory Structural Equation Modeling. *Assessment*, *27*(6), 1349-1367. [DOI]			X					–						X	69
Gomes, C. M. A., **Golino, H.**, & de Souza Peres, A. J. (2018). Análise da fidedignidade composta dos escores do ENEM por meio da análise fatorial de itens [Analysis of the scores composite reliability of the ENEM exam via factor analysis of items]. *European Journal of Education Studies*, *5*(8),			X	X			–						X	X	
Macambira, M. O. & **Golino, H.** (2018). Preliminary pre-menstrual syndrome scale validation. *Avaliaçao Psicologica: Interamerican Journal of Psychological Assessment*, *17*(2), 180-187. [DOI]			X	X			–						X	X	
Golino, H.& Epskamp, S. (2017). Exploratory graph analysis: a new approach for estimating the number of dimensions in psychological research. *PLoS One*, *12*(6), e0174035. [DOI]	X	X	X		X	X	–		X		X	X	X	X	1094
Golino, H.& Demetriou, A. (2017). Estimating the dimensionality of intelligence like data using exploratory graph analysis. *Intelligence*, *62*, 54-70. [DOI]	X	X	X		X	X	–		X		X	X	X	X	213
Demetriou, A., Spanoudis, G., Kazi, S., Mougi, A., Zebec, M.S., Kazali, E., Bakracevic, K., Shayes, M., & **Golino, H.** (2017). Developmental Differentiation and Binding of Mental Processes with g Through the Life-Span. *Journal of Intelligence*, *5*(2), 1-31.			X	X			–						X	X	
Golino, M.T.S., Schelini, P., Pereira, B.L., Felix, L.M., & **Golino, H.** (2017). Investigando evidencias de validade de conteudo e estrutural em tarefas de um treino cognitivo para idosos [Investigating evidence of content and structural validity in cognitive training tasks for the elderly]. *Avaliacao Psicologica*, *16*(3), 278-292.			X	X			–						X	X	
Golino, M. T. S., Mendoza, C. F., & **Golino, H.** (2017). Effects of Cognitive Training on Cognitive Performance of Healthy Older Adults. *The Spanish Journal of Psychology*, *20*(E39),			X	X			–						X	X	

Papers * co-first author, † graduate student, ‡ undergraduate student	Concept	Data Cur.	Analysis	Funding	Invest.	Method.	Admin.	Resources	Software	Supervis.	Validation	Visual	First Draft	Editing	Citations
Golino, H., de Francisco Carvalho, L., Silva‡, E., Oliveira‡, E., Musse‡, S. S., & Silva‡, B. (2017). Revisão do Inventário de Ciúme Romântico: uma análise via modelo de Rasch [Revision of the Romantic Jealousy Inventory: an analysis using the Rasch model]. *Avaliação Psicológica*, *15*(3), 285-297.	X	X	X		X	X	–		X	X	X	X	X	X	
Santos, M. T., & **Golino, H.** (2017). Treino de memória para idosos: uma revisão dos estudos brasileiros [Memory training for the elderly: a review of Brazilian studies]. *Revista E-Psi*, *6*, 31-55.			X	X			–						X	X	
Published Papers	CRediT Contributor Roles														
Dias, T.L., **Golino, H.**, Oliveira, V.E.M., Moraes, M.F.D., & Pereira, G.S. (2016). c-Fos expression predicts long-term social memory retrieval in mice. *Behavioural Brain Research*, *313*, 260-271.			X	X			–						X	X	
Golino, H., Gomes, C.M.A. (2016). Random forest as an imputation method for education and psychology research: its impact on item fit and difficulty of the Rasch model. *International Journal of Research & Method in Education*, *21*,	X	X	X		X	X	–		X		X	X	X	X	92
Golino, H., Gomes, C.M.A., & Peres, A.J. (2016). Investigando a validade estrutural das competências do Enem: quatro domínios correlacionados ou um modelo bifatorial? [Investigating the structural validity of ENEM competencies: four correlated domains or a bifactor model?]. *Boletim Na Medida*, *5*(10), 33-38.	X	X	X		X	X	–		X		X	X	X	X	
Gomes, C.M.A. and **Golino, H.** (2015). Factor retention in the intra-individual approach: Proposition of a triangulation strategy. *Avaliação Psicológica*, *14*, 273-279.			X	X			–						X	X	
Miller, P. M., Commons, M.L., Li, E.Y., **Golino, H.**, Commons-Miller, L.A.H., Tuladhar, C.T. (2015). Stage of pricing strategy predicts earnings: A study of informal economics. *Behavioral Development Bulletin*, *20*, 76-92.			X	X			–						X	X	
Golino, H.and Gomes, C. M. A. (2014). Data from the BAFACALO project: The Brazilian Intelligence Battery based on two state-of-the-art models: Carroll's model and the CHC model. *Journal of Open Psychology Data*, *2*, 1-5.	X	X	X		X	X	–		X		X	X	X	X	61
Golino, H.and Gomes, C.M.A. (2014). Four Machine Learning methods to predict academic achievement of college students: a comparison study. *Revista E-Psi*, *4*, 68-101.	X	X	X		X	X	–		X		X	X	X	X	70
Golino, H., Gomes, C.M.A, and Andrade, D. (2014). Predicting Academic Achievement of High-School Students Using Machine Learning. *Psychology*, *5*, 2046-2057.	X	X	X		X	X	–		X		X	X	X	X	82

Papers * co-first author, † graduate student, ‡ undergraduate student	Concept	Data Cur.	Analysis	Funding	Invest.	Method.	Admin.	Resources	Software	Supervis.	Validation	Visual	First Draft	Editing	Citations
Published Papers	CRediT Contributor Roles														
Golino, H., et al. (2014). Predicting Increased Blood Pressure using Machine Learning. *Journal of Obesity*, *2014*, 1-12.	X	X	X		X	X	–		X		X	X	X	X	128
Golino, H., Gomes, C.M.A., and Menezes, I. G. (2014). Predicting School Achievement Rather than Intelligence: Does Metacognition Matter?. *Psychology*, *5*, 1095-1110.	X	X	X		X	X	–		X		X	X	X	X	214
Gomes, C.M.A. and **Golino, H.** (2014). Self-reports on students' learning processes are academic metacognitive knowledge. *Psicologia: Reflexão e Crítica*, *27*, 472-480.	X	X	X		X	X	–		X		X	X	X	X	
Golino, H., Gomes, C.M.A., Commons, M.L., and Miller, P (2014). The construction and validation of a developmental test for stage identification: Two exploratory studies. *Behavioral Development Bulletin*, *19*(3), 37-54. [DOI]	X	X	X	X	X	X	X	–	X	X	X	X	X	X	69
Gomes, C.M.A, Araújo, J., Ferreira, M.G., and **Golino, H.** (2014). The validity of the Cattel-Horn-Carroll model on the intraindividual approach. *Behavioral Development Bulletin*, *19*(4), 22-30. [DOI]			X	X			–						X	X	81
Golino, H., and Gomes, C. M. A. (2014). Visualizing Random Forest's prediction results. *Psychology*, *5*, 2084-2098. [DOI]	X	X	X	X	X	X	X	–	X	X	X	X	X	X	71
Gomes, C.M.A., Marques, E.L.L., **Golino, H.** (2014). Validade Incremental dos Estilos Legislativo, Executivo e Judiciário em Relação ao Rendimento Escolar [Incremental validity of Legislative, Executive, and Judicial Styles in Relation to Academic Achievement]. *Revista E-Psi*, *3*, 31-46.			X	X			–						X	X	
Gomes, C.M.A., **Golino, H.**, Costa, B.C.G. (2013). Dynamic systems approach in psychology: proposition and application in the study of emotion, appraisal, and cognitive achievement. *Problems of Psychology in the 21st Century*, *6*, 15-28.			X	X			–						X	X	
Gomes, C.M.A., **Golino, H.** (2012). Relações hierárquicas entre os traços amplos do Big Five [Hierarchical relationships among the broad traits of the Big Five]. *Psicologia: Reflexão e Crítica*, *25*, 445-456.			X	X			–						X	X	
Gomes, C.M.A., **Golino, H.** (2012). Validade Incremental da Escala de Abordagens de Aprendizagem (EABAP) [Incremental Validity of the Learning Approaches Scale (EABAP)]. *Psicologia: Reflexão e Crítica*, *25*, 400-410.			X	X			–						X	X	
Gomes, C.M.A., **Golino, H.** (2012). O que a inteligência prediz: diferenças individuais ou diferenças no desenvolvimento acadêmico? [What does intelligence predict: individual differences or differences in academic development?]. *Psicologia: Teoria e Prática*, *14*, 1-30.			X	X			–						X	X	80

Silveira, M. B., Gomes, C.M.A., **Golino, H.**, Dias, F. S. (2012). Construção do Teste de Habilidade Experiencial (THE): Evidências Iniciais de Validade e Confiabilidade [Construction of the Experiential Ability Test (THE): Initial Evidence of Validity and Reliability]. *Revista E-psi*, *2*, 77-96.			X	X			–						X	X	
Alves, F. A., Flores, R. P., Gomes, C.M.A., **Golino, H.** (2012). Preditores do Rendimento Escolar: Inteligência Geral e Crenças sobre Ensino-Aprendizagem [Predictors of Academic Achievement: General Intelligence and Beliefs about Teaching and Learning]. *Revista E-PSI*, *1*, 97-117.			X	X			–						X	X	58
Papers * co-first author, † graduate student, ‡ undergraduate student	**Concept**	**Data Cur.**	**Analysis**	**Funding**	**Invest.**	**Method.**	**Admin.**	**Resources**	**Software**	**Supervis.**	**Validation**	**Visual**	**First Draft**	**Editing**	**Citations**
Published Papers	**CRediT** Contributor Roles														
Gomes, C.M.A., **Golino, H.**, Pinheiro, C.A.R., Miranda, G.R., Soares, J. (2011). Validação da Escala de Abordagens de Aprendizagem (EABAP) em uma amostra brasileira [Validation of the Learning Approaches Scale (EABAP) in a Brazilian sample]. *Psicologia: Reflexão e Crítica*, *24*, 19-27.	X		X		X	X	X	–	X	X	X	X	X	X	

Books * co-first author, † graduate student, ‡ undergraduate student	Concept	Data Cur.	Analysis	Funding	Invest.	Method.	Admin.	Resources	Software	Supervis.	Validation	Visual	First Draft	Editing	Citations
Published and In Preparation (4 total)	CRediT Contributor Roles														
Golino, H., Christensen, A. P., & Garrido, L.E. (In Preparation). *Modern Psychometrics with Exploratory Graph Analysis: Structural Validity, Item Analysis, and Beyond.* **Routledge.** Chapters: 1. Introduction; 2. What are networks; 3. Linear Algebra Refresher for EGA; 4. What is Exploratory Graph Analysis; 5. Why use Exploratory Graph Analysis? 6. Comparing EGA and traditional dimensionality assessment and reduction techniques: state of the art of the evidence; 7. Does my dimensionality structure fit the data? Introduction to the Entropy Fit Indices (information and quantum information theory, Shannon and Von Neumann Entropy, Watanabe's Total Correlation and H. Watanabe K-Function); 8. Network Loadings and Hierarchical Exploratory Graph Analysis; 9. Structural stability, dimensionality integrity, and item replicability; 10. Dynamic Exploratory Graph Analysis (Time Delay Embedding; Generalized Local Linear Approximation; Identifying the structure of individuals, groups, and population using Dynamic Exploratory Graph Analysis; Latent Trends using network loadings and scores); 11. Estimating Item Parameters in the EGA framework; 12. Unique Variable Analysis; 13. Dealing with wording effects: the random intercept exploratory graph analysis; 14. Image Structure Analysis and EGA; 15. Measurement Invariance with EGA; 16. Intraindividual or Population Structure? The Ergodicity Information Index (The nomothetic vs. idiographic debate; Multiplex Networks; Algorithm Complexity and Kolmogorov Complexity; The ergodicity information index and dynamic EGA).	X		X		X	X	X	–	X	X	X	X	X	X	
Golino, H., & Gomes, C.M.A. (2019). *Teste de Desenvolvimento do Raciocinio Indutivo - Manual [Inductive Reasoning Development Test: Manual]* p. 120, São Paulo: Hogrefe	X		X		X	X	X	–	X	X	X	X	X	X	**49**
Golino, H., Gomes, C.M.A. Amantes, A., & Coelho, G (2019). *Psicometria Contemporânea: Compreendendo os Modelos Rasch [Contemporary Psychometrics: Understanding the Rasch Models]*, p. 416, 2nd Edition. Belo Horizonte: Artesa.	X		X		X	X	X	–	X	X	X	X	X	X	52
Golino, H., Gomes, C.M.A. Amantes, A., & Coelho, G (2019). *Psicometria Contemporânea: Compreendendo os Modelos Rasch [Contemporary Psychometrics: Understanding the Rasch Models]*, p. 416, 1st Edition. Sao Paulo: Casa do Psicologo.	X		X		X	X	X	–	X	X	X	X	X	X	

Note. X indicates CRediT contribution role, – indicates not applicable for a given project, and blanks indicate roles not undertaken. Concept = Conceptualization, Data Cur. = Data Curation, Invest = Investigation, Method = Methodology, Admin = Project Administration, Supervis. = Supervision, Visual = Visualization, Editing = Writing: Review & Editing

Grants

Pending Grants

Year	Principal Investigators	Project Title	Granting Institution	Role	Total Funds
2025	Egberth, E., **Golino, H.**	Using Generative AI to Create and Validate a Brief Measure of Loss of Control Eating in All Youth	The National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)	Co-I	$75,000
2025	**Golino, H.**, Teles, M.	Dimensional Architecture of Autism Phenotypes in the Simons Simplex Collection via Network Psychometrics (EGA/bootEGA/UVA) and AI-GENIE Harmonization	Simons Foundation	PI	$281,841
2025	**Golino, H.**, Teles, M.	Advancing Automated Item Development and Validation Using Language Models and Network-Based Methods in Aging Research	Patient-Centered Outcomes Research Institute (PCORI)	PI	$750,000
2024	**Golino, H.**	AI-READY: AI-GENIE Test Bed for Behavioral, Social, and Educational Sciences: A new Approach to Automatic Item Generation and Validation via Network-Integrated Evaluation	National Science Foundation (Human-Centered Computing Program, Information and Intelligent Systems Division of the CISE Directorate)	PI	$200,000

Active Grants

Year	Principal Investigators	Project Title	Granting Institution	Role	Total Funds
2024 – current	**Golino, H.**, Teles, M, Mouzavi, R and Li, Jingjing	UVAi Vanguard: Transforming UVA's Academic Landscape with AI and Large Language Models	Jefferson Trust	Co-PI	$112,800
2023 – current	Teles, M and **Golino, H.**	Cognitive Psychology: Empowering Solutions for Overcoming Social Challenges	Center for Teaching Excellence (Thrive Grant)	Co-PI	$10,000
2023 – current	Teles, M and **Golino, H.**	Russian Disinformation: susceptibility and resiliency	UVa's Quantitative Collaborative	Co-PI	$7,500

2022 – current	Golino, H.F. and Teles Golino, M.	New tools to study and prevent online mass manipulation	Global Programs of Distinction (Center for Global Impact and Innovation)	Co-PI	$25,000

Completed

Year	Principal Investigators	Project Title	Granting Institution	Role	Total Funds
2019 – 2023	Erisir. A, Dodson, C., **Golino, H.**, Morris, J., and Sederberg, P.B.	Short-term cognitive change in adults from 18 to 80	National Institute of Health (5R01AG024270)	Co-Investigator	$1,206,800
2021 – 2022	**Golino, H.**, Witlow, M., & Mousavi, R.	Susceptibility to COVID-19 Misinformation	UVA's 3 Cavaliers Initiative	PI	$60,000
2019 – 2023	Vaidhyanathan, S., **Golino, H.**, et al.	The Deliberative Media Lab The Deliberative Media Lab focused initially on Brazil and the United States—two major democracies that have experienced cultural and political strife influenced and amplified by social media. The Lab explored the historical, cultural, and technological roots of our media ecosystem and seek solutions for enhancing global democratic deliberation. My role in the DMI Lab was to develop new quantitative techniques and software to model social media data (i.e., text data) to improve our understanding of how online intelligence operations work.	The Democracy Initiative	Co-I	$2,145,582
2018 – 2021	**Golino, H.**, Jaswal, V	The Structure of ASD Clinic-Based Instruments: An Innovative Approach	Supporting Transformative Autism Research (STAR) Pilot Award	PI	$25,000
2012 – 2016	Gomes, C.M.A., **Golino, H.**, & Menezes, I.	Investigating the structural validity of the Brazilian High School Examination (ENEM)	Brazilian Minister of Education – Instituto de Pesquisas e Estudos Educacionais Anísio Teixeira	Co-I	R$250,000 ($\sim \$50,000$)
2012 – 2016	Gomes, C.M.A., **Golino, H.**	Identifying Developmental Stages of Inductive Reasoning	Fundação de Amparo à Pesquisa do Estado de Minas Gerais (FAPEMIG)	Co-I	R$50,000 ($\sim \$10,000$)

Submitted (last 4 years)

Year	Principal Investigators	Project Title	Granting Institution	Role	Total Funds Requested

2024	**Golino, H.**	AI-GENIE Test Bed for the Behavioral, Social, and Educational Sciences: A new Approach to Automatic Item Generation and Validation via Network-Integrated Evaluation	National Science Foundation/Directorate for Computer and Information Science and Engineering (CISE)	PI	$195,000
2024	Praino, R., Thomas, E., Dowling, M.E., Holloway, J., Lisk, J., **Golino, H.**and Teles, M.	Shaping and Future Proofing the Defence Innovation Ecosystem through Emerging and Disruptive Technologies	Australian Defense Minister/Advanced Strategic Capabilities Accelarator	Co-PI	$1,538,492
2023	**Golino, H.**, and Hernandes, I.	Integrating Large Language Models and Psychometrics for the development and validation of new assessment instruments	4VA	PI	$30,000
2022	**Golino, H.**, **Teles, M**, and Christensen, A.P.	Dis/Misinformation: Large-scale interventions to reduce susceptibility and new methods of investigation	National Institute of Justice	PI	$1,906,363.69
2022	**Golino, H.**, **Teles, M**	Dis/Misinformation: Large scale interventions to reduce susceptibility	The Jefferson Trust	Co-PI	$275,181
2021	Sederberg, P.B., Dodson, C., Morris, J., Erisir, A., **Golino, H.**, and Teles, M.	Quantifying cognitive change across the lifespan to characterize healthy aging and predict Alzheimer's disease and related dementias	National Institute of Aging/NIH	Co-PI	$3,947,812.00
2021	**Golino, H.**, Boker, S.M., **Teles, M**	The Network Psychometrics and Computational Methods Lab	UVa's Democracy Initiative	PI	$999,462
2021	R. Menezes, S. Majerowitz, Buarque, F., **Golino, H.**	Trans-Atlantic Platform Recovery, Renewal and Resilience in a Post-Pandemic World (RRR): Resilient educational systems.	NSF's Trans-Atlantic Platform (T-AP) for Social Sciences and Humanities	Co-PI.	
2021	Shakeri, H., Henry, T., Van Horn, J., **Golino, H.**	Emergent Networks in Neural Computation	NSF	Co-I	$1,537,745
2021	**Golino, H.**, Tong, X.	Bayesian quantile growth learning to predict FB overperforming score	Facebook	PI	$48,933

2021	**Golino, H.**	Psychological characteristics associated with vulnerability to COVID-19 misinformation and its impact on individuals' compliance with behaviors to control the pandemic	Russel-Sage Foundation	PI	$97,208
2020	Pelphrey, K., **Golino, H.**, et al.	Virginia Intellectual and Developmental Disorders Research Center	NIH Institute of Child Health & Human Development	Co-I	$10,524,287
2019	**Golino, H.**	Modeling online speech content in social media using Dynamic Exploratory Graph Analysis	Charles Koch Foundation	PI	$ 209,805
2019	**Golino, H.**	Modeling online speech content in social media using Dynamic Exploratory Graph Analysis	Sloan Foundation	PI	$ 209,805
2019	**Golino, H.**	Developing new analytical tools to investigate the structure of large multivariate datasets in aging research	NIA/NIH.	PI	$ 1,193,918

Awards

Year	Award	Granting Institution
2025	Research Excellence Award	The University of Virginia
2022	Fulbright U.S. Specialist Cohort 2022	Fulbright
2015	Medical Services Innovation Award	SANOFI
2012	International Young Scholar Scholarship	International Testing Commission
2011	Best work on Psychometrics	Universidade Federal de Minas Gerais
2010	Best work on Psychometrics	Universidade Federal de Minas Gerais
2010	Higher Distinction - Rasch Measurement	The University of Western Australia

Not-Award Awards

Year	Not-Award Award	Context
2022	Rising Star - Association for Psychological Science	After notifying via e-mail that I received the award, APS emailed again to inform me it was only a mistake. Therefore, I won this award for a few hours, which is even better than the award itself – now I have a very good story to share.
2019	E-mail from John Nesselroade That's Worth More Than an Award	"Thank you for the kind words, Hudson! Believe me, you're the most impressive younger scientist I've met in years! Our department did itself proud "landing" you! You are already having a grand career! Keep it up! JNR"
2019	E-mail from John Nesselroade That's Worth More Than an Award	"You're a kind and generous colleague, Hudson! I wish we could have met 40 years ago! All best, JRN"

Teaching

University of Virginia

Courses

Class	Class Title	Enrollment	Term	Level
PSYC 5500 New Course	Large Language Models in R (Seminar)	TBD	Spring 2026	Mixed (Undergraduate and Graduate)
PSYC 4430 New Course	The Psychology and Practice of Combat Sports	TBD	Spring 2026	Undergraduate
PSYC 7559	Exploratory Graph Analysis	5	Fall 2025	Graduate
PSYC 7559	Exploratory Graph Analysis	5	Spring 2025	Graduate
PSYC 2150	The Psychology of Misinformation (Seminar)	25	Spring 2025	Undergraduate
PSYC 2500-100	The Psychology of Misinformation	120	January Special Session	Undergraduate

PSYC 7559	Exploratory Graph Analysis	5	Fall 2024	Graduate
PSYC 2500-100	The Psychology of Misinformation	34	Summer-2024	Undergraduate
PSYC 5710-001	Machine Learning & Text/Data Mining (Seminar)	22	Spring 2024	Mixed
PSYC 2150	The Psychology of Misinformation (Seminar)	20	Spring 2024	Undergraduate
PSYC 7710-100	Quantitative Methods I (Lecture)	22	Fall 2023	Graduate
PSYC 2500-100	The Psychology of Misinformation	50	Summer-2023	Undergraduate
PSYC 5710-001	Machine Learning & Text/Data Mining (Seminar)	25	Spring 2023	Mixed
PSYC 4500	The Psychology of Misinformation (Seminar)	25	Spring 2023	Undergraduate
PSYC 7710-100	Quantitative Methods I (Lecture)	20	Fall 2022	Graduate
PSYC 2500-100	The Psychology of Misinformation	50	Summer-2022	Undergraduate
PSYC 5710-001	Machine Learning & Text/Data Mining (Seminar)	15	Spring 2022	Mixed
PSYC 7710-100	Quantitative Methods I (Lecture)	15	Fall 2021	Graduate
PSYC 2559-100	Introduction to Cognition and Cognitive Biases	433	Jan-2021	Undergraduate
PSYC 5710-001	Machine Learning & Text/Data Mining (Seminar)	11	Fall 2020	Mixed
PSYC 7710-100	Quantitative Methods I (Lecture)	23	Fall 2020	Graduate
PSYC 5710-001	Machine Learning & Text/Data Mining (Seminar)	15	Spring 2020	Mixed
PSYC 3590-049	Research in Psychology (Independent Study)	2	Fall 2019	Undergraduate
PSYC 7507-001	Cont Issues: Quantitative Psyc (Lecture)	15	Fall 2019	Graduate
PSYC 7710-100	Quantitative Methods I (Lecture)	23	Fall 2019	Graduate
PSYC 9502-006	Topical Research (Independent Study)	2	Fall 2019	Graduate
PSYC 5710-001	Machine Learning & Text/Data Mining (Seminar)	25	Spring 2019	Mixed
PSYC 5559-002	Machine Learning & Text/Data Mining (Seminar)	9	Jan-19	Mixed
PSYC 7507-001	Cont Issues: Quantitative Psyc (Lecture)	10	Fall 2018	Graduate
PSYC 7710-100	Quantitative Methods I (Lecture)	19	Fall 2018	Graduate
PSYC 9502-012	Topical Research (Independent Study)	1	Fall 2018	Graduate
PSYC 4559-001	Construction and Validation of Assessment Instruments	18	Spring 2018	Undergraduate
PSYC 5559-001	Machine Learning & Text/Data Mining (Seminar)	15	Spring 2018	Mixed

Conference, Invited Talks, & Workshops *(Since 2018)*

2025 (October) - **Keynote Speaker** at the **ISOQOL Annual Conference – Artificial Intelligence & the Future of Quality of Life Research (Milwaukee, USA)**. Title: **Tools of Transformation: Advancing Quality of Life Research with AI**. Presentation Title:

Automatic Item Development and Validation: A Network Integrated Approach Using Large Language Models (Hudson Golino).

2025 (July) - Symposium at the **XI Conference – European Congress of Methodology (Tenerife, Spain)**. Title: **Bridging Psychometrics and Artificial Intelligence**. Presentations: Optimizing LLM Embeddings for Automatic Item Development and Validation (Hudson Golino); Does the result of an in-silica structural validity matches the structural validity computed in human-gathered data? (Lara Russell-Lasalandra); How Block Types and Social Desirability Shape Forced-Choice Questionnaire Automatic Assembly (Miguel Sorrel, Chair); Predicting Item Response Theory Parameters from the Semantic Space of Computational Language Models (Diego Iglesias).

2025 (July) - Symposium at the **XI Conference – European Congress of Methodology (Tenerife, Spain)**. Title: **Artificial Intelligence and Large Language Models: Item Development and Validation, Educational Interventions, and Emotion Analysis of Videos**. Presentations: Leveraging AI Tutors to Enhance Student Learning: A Controlled Educational Intervention Study (Mariana Teles); Generative Psychometrics via AI-GENIE: Automatic Item Generation and Validation via Network-Integrated Evaluation (Lara Russell-Lasalandra); Performance-Based Item Development and Validation in Silica: LLMs and Generative Psychometrics for Structural Validity and Item Difficulty (Hudson Golino, Chair); Decoding Emotion Dynamics in Videos using Dynamic Exploratory Graph Analysis and Zero-Shot Image Classification (Aleksandar Tomašević).

2025 (July) - Symposium at the **International Meeting of the Psychometric Society (University of Minnesota)**. Title: **Remembering John Nesselroade**. Presentations: Hudson Golino (Chair), Steve M. Boker (University of Virginia), Alexandra Freund (University of Zurich), Ellen Hamacker (Utrecht University), Ulman Lindenberger (MPI for Human Development)

2025 (July) - Symposium at the **International Meeting of the Psychometric Society (University of Minnesota)**. Title: **Bridging Exploratory Graph Analysis and Complexity Science: Advancing the Understanding of Psychological Structures and Dynamics**. Presentations: Damped linear oscillators in emotion dynamics: Influence of fundamental parameters on dynamic EGA structures (Aleksandar Tomašević); Taxonomic graph analysis (Alexander Christensen, Chair); The ergodicity information index: Bridging dynamic exploratory graph analysis with complexity science (Hudson Golino)

2025 (July) - Symposium at the **International Meeting of the Psychometric Society (University of Minnesota)**. Title: **Generative Psychometrics: Advancing Psychological Scale Development Through Large Language Models**. Presentations: AI-GENIE: A simulation study on the fully automatic scale development methodology (Lara Russell-Lasalandra); Empirical validation of AI-GENIE (Alexander Christensen); Optimizing LLM embeddings for automatic item development and validation (Hudson Golino, Chair)

2025 (May) - Symposium at the **Annual Conference of the Association for Psychological Science**. Title: **Applications of Exploratory Graph Analysis in Psychology and Neuroscience**. Presentations: The Influence of Missing Mechanisms on Latent Data Structures (Jiepeng Yuan); Evaluating the Performance of Exploratory Graph Analysis (EGA) and other Dimensional Assessment Techniques with Skewed Data (Chad Davis); Functional connectomics using dynamic exploratory graph analysis (dynEGA) - Richard Gallagher; Autonomy and Relatedness in Mother-Teen Interactions: An Investigation Using Exploratory Graph Analysis (Natasha Bailey).

2024 (July) - Symposium at the **International Meeting of the Psychometric Society (Prague, Czech Republic)**. Title: **Integrating large language models and artificial intelligence in research: network psychometrics, emotion dynamics, and open-ended evaluations**. Presentations: Decoding Emotions: Facial Expression Recognition with Transformer Models using the transforEmotion Package in R (Artificial Intelligence in testing, psychological assessment and survey research)(Aleksandar Tomasevic and **Golino, H.**). Improving retrieval-augemented generation and zero-shot classification with exploratory graph analysis (**Golino, H.**, Chair). Assessing the quality of AI-generated items: a network psychometric approach (Lara Russell-Lasalandra and **Golino, H.**). Extracting useful information from open-ended responses using zero-shot classification: an example using student's evaluation of teaching (Mariana Teles).

2024 (June) - Symposium at the **International Test Commission Global Conference (Granada, Spain)**. Title: **Generative AI and Large Language Models: Applications and Research Directions in Psychological Sciences** Topic: Artificial Intelligence in testing, psychological assessment and survey research. Presentations: Decoding Emotions: Facial Expression Recognition with Transformer Models using the transforEmotion Package in R (Artificial Intelligence in testing, psychological assessment and survey research)(Aleksandar Tomasevic and **Golino, H.**). Monticello Simulations: How Generative AI change how we do simulations in quantitative psychology (Artificial Intelligence in testing, psychological assessment and survey research)(**Golino, H.**, Chair). Assessing the Quality of AI-Generated Items: A Network Psychometric Approach (Artificial Intelligence in testing, psychological assessment and survey research) (Lara Russell-Lasalandra and **Golino, H.**). Enhancing Student Evaluations of Teaching with Large Language Models: Insights from Active Learning Pedagogy (Artificial Intelligence in testing, psychological assessment and survey research) (Mariana Teles).

2024 (June) - Symposium at the **International Test Commission Global Conference (Granada, Spain)**. Title: **Test Validity 2.0: Mathematics, Quantum Information Theory, Movies, Music, and Jokes**. Topic: Validity theory in testing, psychological assessment and survey research. Presentations: Big Questions with Even Bigger Psychometricians: The Construct of Egomania Rageosis and The Theory of Everything. (Bruno Zumbo). Is there a natural law of validity or why Marlon Brando was so damn good

as Don Corleone in The Godfather? (**Golino, H.**, Chair).

2024 (May) - Symposium at the **Annual Conference of the Association for Psychological Science**. Title: **Frontiers in AI and Psychometrics: Revolutionizing Research with Large Language Models and Network Psychometrics**. **Golino, H.**, Tomasevic, A., and Russell-Lasalandra.

2023 (July) - Symposium at the **10th European Congress of Methodology (Ghent University, Belgium)**. Title: Bifactor and MTMM models. Presentations: How Do We Know that a Bifactor Model is Optimal? An Example of Model Validation Using the BESS TRS-P Norm Dataset (Christine DiStepano), On the Performance of Different Regularization Methods in Bifactor-(S-1) Models with Explanatory Vari- ables—Caveats, Recommendations, and Future Directions (Christian Bloszies), Analysis of Assessment Dimensionality Using Multitrait-Multimethod Models in Rater Assessments (Denis Federiakin), and The Generalized Total Entropy Fit Index for Bifactor Structures with correlated general factors (Hudson Golino, Chair).

2023 (June) - **Oral Presentation** at the **2023 Annual Convention of the Society for the Improvement of Psychological Science (Padova, Italy)**. Title: Improving misinformation research across the lifespan: an agenda for research. Hudson Golino & Mariana Teles Santos Golino

2023 (May) - Symposium at the **2023 Annual Convention of the Association for Psychological Science (Washington, DC)**. Title: Network Psychometrics: New Advances of Exploratory Graph Analysis and Related Methods. Presentations: Bayesian Exploratory Graph Analysis (Dingjing Shi), Metric Invariance in the Exploratory Graph Analysis Framework (Laura Jamison), Generalized Total Entropy Fit Index (Hudson Golino).

2023 (February) - Keynote Speaker at the **2023 Complexity and Cognition Symposium for Quantitative Methods in Psychology**, organized by the University of Trento, Italy. Title: The Generalized Total Entropy Fit Index.

2022 (July) – Keynote Speaker at the **2022 Spanish Methodological Conference (XVII Congreso de Metodología de las Ciencias Sociales y de la Salud)**. Title: Exploratory Graph Analysis: New Developments and Future Directions.

2022 (July) – Workshop at the **2022 Spanish Methodological Conference (XVII Congreso de Metodología de las Ciencias Sociales y de la Salud)**. Title: Introduction to Exploratory Graph Analysis (EGA) With R: A Modern Network Psychometrics Approach to Structural Validity, Item and Dimension Analysis, and Beyond.

2022 (July) – Symposium at the **2022 International Meeting of the Psychometric Society**. Title: New strategies for dimensionality analysis using exploratory graph analysis. Presentations: Testing the structure of network communities using the total entropy fit permutation test (Hudson Golino). A Bayesian approach for dimensionality assessment in network psychometrics (Dingjing Shi). Optimizing Walktrap's community detection in networks using the total entropy fit index (Laura Jamison).

2022 (July) – Symposium at the **2022 International Meeting of the Psychometric Society**. Title: Information warfare: quantitative methods to understand online manipulation campaigns. Presentations: Information warfare: quantitative methods to understand online manipulation campaigns. Playing HAVOK with the chaos caused by internet trolls (Elena Martynova). Dynamic exploratory graph analysis: Russian trolls and the US elections (Hudson Golino). Metric invariance: Differences between Left and Right-wing Russian trolls and the US elections (Laura Jamison).

2022 (May) – Invited Workshop at the **Annual Meeting of the Association for Psychological Science**. Title: Exploratory Graph Analysis With R.

2021 (September) – Invited Talk at **University of Southern California**. Title: On networks and online Russian trolls: How can the total entropy fit index be applied to optimize the number of embedded dimensions used in dynamic exploratory graph analysis, and why does it matter.

2021 (August) – Invited Talk at the **Joint Quantitative Colloquium Series (OSU, UNC Chappel Hill, UVA, Vanderbilt University, and others)**. Title: On networks and online Russian trolls: How can the total entropy fit index be applied to optimize the number of embedded dimensions used in dynamic exploratory graph analysis, and why does it matter.

2021 (July) – Symposium at the **2020 (online in 2021) European Association of Methodology**. Title: Advances on the Frontline of Network Psychometrics. Presentations: 1) Dynamic Exploratory Graph Analysis: estimating latent dimensions in longitudinal data using network psychometrics and dynamic systems modeling (Hudson Golino); 2) Intervening on psychopathology networks: Evaluating intervention targets through simulation (Gaby Lunansky); 3) A GeneralMonte Carlo Method for Sample Size Analysis in the Context of Network Models (Mihai Constantin); 4) Modeling Psychopathology: From Data Models to Formal Theories (Oisin Ryan).

2021 (January) – Invited Talk at **Standford University**. Identifying Emotions in Text with EMOXICON and latent topics using Dynamic Exploratory Graph Analysis. Talk at the Screenomics Research Group's meeting.

2020 (October) – Invited Talk at **University of California Los Angeles**. Title: Towards a psychology of the individual: the ergodicity information index and a bottom-up approach for finding generalizations. Talk at the Quantitative Methods meeting.

2020 (September) – Invited Talk at **University of North Carolina at Chapel Hill**. Title: Towards a psychology of the individual: the ergodicity information index and a bottom-up approach for finding generalizations. Talk at the Quantitative Methods meeting.

2019 (July) – Symposium at the **2019 International Meeting of the Psychometric Society (Santiago, Chile)**. Non-linear methods and complexity analysis: SEM, network psychometrics, and time series analysis. Presentations: 1) Entropy fit index: a new fit measure for dimensionality assessment (Hudson Golino); 2) Decomposing expected moments of products of variables for structural equation modeling (Steve Boker); 3) Investigating the stability and generalizability of dimensionality via bootstrap exploratory graph analysis (Alexander Christensen); 4) Tangle: a computationally efficient measure of time series complexity (Robert Moulder).

2019 (May) – Symposium at the **2019 Annual Convention of the Association for Psychological Science (Washington, DC)**. Advances and Applications of Exploratory Graph Analysis in Psychological Science. Presentations: 1) BootEGA: Estimating the Stability of Dimensions and Items in Exploratory Graph Analysis (Hudson Golino, Alexander Christensen); 2) The Development of an Entropy Fit Index for Dimensionality Assessment in Exploratory Graph Analysis (Gustav Sjobeck, Hudson Golino); 3) Using EGA and Emoxicon to Detect Emotions in Texts (Tara Valladares, Hudson Golino); 4) Investigating the Accuracy of Ega and Lda to Estimate Latent Topics in Texts (Christoph Fehrman, Hudson Golino).

2018 (August) – Invited Talk at the **Izabella Hendrix University (Brazil)**. Title: What can The Beatles tell us about data science?

2018 (August) – Invited Talk at the **Izabella Hendrix University (Brazil)**. Title: Knowledge Extraction and Emotion Mining in Texts

2018 (July) – Workshop at the **Pacific Rim Objective Measurement Symposium (Shanghai, China)**. Title: Applying Extended Rasch Models using R.

2018 (July) – Invited Talk at the **Pacific Rim Objective Measurement Symposium (Shanghai, China)**. Emoxicon: Combining data mining and Rasch modeling to identify emotions in texts.

2018 (July) – Symposium at the **2018 Meeting of the International Test Commission (Montreal, Canada)**. Methodological issues in testing: wording effects, dimensionality assessment, and acquiescence. Presentations: 1) A Systematic Evaluation of Wording Effects Modeling under the ESEM Framework (Luis Eduardo Garrido; Francisco Jose Abad; Hudson Golino; Maria Dolores Nieto; Kiero Guerra-Pena; Agustin Martinez-Molina); 2) Acquiescence in multilevel variables: Fitting the random intercept model (Felipe Valentini; Erika Guimaraes Soares de Azevedo Andrade); 3) Comparing Exploratory Graph Analysis and traditional dimensionality assessment techniques: a simulation study (Hudson Golino).

2018 (July) – Symposium at the **2018 International Meeting of the Psychometric Society (Montreal, Canada). Network Psychometrics II: Psychometric Extensions to Network Modeling**. Presentations: 1) A bouncing back from adversity: a dynamical conceptualization of psychological resilience (Gabriela Lunansky); 2) A fused latent and graphical cox model for multitype recurrent events (Yunxiao Chen); 3) Network-based adaptive assessment (Sacha Epskamp); 4) Dimensionality assessment on intensive longitudinal data using exploratory graphical var (Hudson Golino).

2018 (March) - Invited Talk at **University of Miami**. Title: Dimensionality Assessment on Intensive Longitudinal Data Using an Exploratory Graphical Vector Autoregressive Approach.

American Psychological Association (APA)

Board of Scientific Affairs

Elected Member

2025. Board of Scientific Affairs at APA

University of Virginia - Service

University-level

UVA Senate

2025 - Present. Senator.

Committees

2025 - Present. Artificial Intelligence Task Force (Member)

2023. Artificial Intelligence Task Force (Member)

Department-level

Committees

2024. Social Media Committee (Chair)

2023. Social Media Committee (Chair)

2022. Colloquium Committee (Chair)

2021. Colloquium Committee (Chair)

2021. Teaching and Student's Evaluation Validation Committee (Member).

2020. Teaching and Student's Evaluation Validation Committee (Member)

2020. Computer and Software Committee (Member)

2020. Social Media Committee (Member).

2019. Teaching and Student's Evaluation Validation Committee (Member)

2019. Computer and Software Committee (Member)

2019. Steering Committee (Member).

2019. Quantitative Methods/Data Science Search Committee (Member).

2018. Computer and Software Committee (Member)

2018. Neuroscience Search Committee (Member).

Editorial Work

Editorial Board

2023 – Present. Advances in Psychology.

Associate Editor

2023 – Present. Advances in Psychology, Section: Quantitative Methods.

2023 – Present. Advances in Psychology, Special Issue: Network Psychometrics.

2021 – Present. Guest Editor. Journal of Behavioral Data Science

2020 – Present. Quantitative and Computational Methods in Behavioral Sciences

Ad-hoc Reviewer

1. Psychometrika / 2. Psychological Methods / 3. Multivariate Behavioral Research / 4. Behavior Research Methods / 5. Quantitative and Computational Methods in Behavioral Sciences / 6. Assessment / 7. Developmental Cognitive Neuroscience / 8. Clinical Psychological Science / 9. IEEE Reviews in Biomedical Engineering / 10. Behavioral Development Bulletin / 11. International Journal of Testing / 12. Scandinavian Journal of Psychology / 13. Psychology: Research and Review / 14. Avaliação Psicológica - Interamerican Journal of Psychological Assessment / 15. Plos One / 16. Social Psychiatry and Psychiatric Epidemiology / 17. Psychological Test and Assessment Modeling / 18. International Journal of Methods in Psychiatric Research / 19. Cognitive Therapy and Research / 20. Clinical Psychology / 21. Journal of Intelligence / 22. Journal of Counseling Psychology / 23. (And others)

Supervision

Post-Doc & Visiting Researchers

2023 - 2023. Aleksandar Tomašević, Researcher at the Institute of Physics at the University of Belgrade, Serbia (Visiting Researcher, Fullbright Program)

2018 – 2019. Luis Eduardo Garrido (Post-Doc)

2018 (Summer). Maria Dolores Nieto (Visiting Scholar – Universidad Nacional Autonoma de Madrid, Spain)

Graduate Students

2025 – Present. Kate Chu, Department of Psychology, University of Virginia. Research Topic: Large Language Models and Network Psychometrics

2023 – Present. Lara Lee Russell-Lasalandra, Department of Psychology, University of Virginia. Research Topic: Large Language Models and Network Psychometrics

2019 – 2024. Laura Jamison, Department of Psychology, University of Virginia. Dissertation Title: Improving Exploratory Graph Analysis and Network Psychometrics: Community Detection Optimization and Metric Invariance for Cross-Sectional and Intensive Longitudinal Data.

2015 – 2017. Jorge Barreto, Graduate School of Applied Computing, Universidade Estadual de Feira de Santana. Research Topic: Predicting death in an intensive care unit using data mining and machine learning.

2015 – 2017. Luara Carvalho. Graduate School of Psychology, Universidade Salgado de Oliveira. Research Topic: The structure of work satisfaction: comparing different models via confirmatory factor analysis.

2015 – 2017. Karla Mello de Oliveira. Graduate School of Psychology, Universidade Salgado de Oliveira. Research Topic: Social Skills and Social Competence: two distinct constructs?

Member of Ph.D.'s Committee

2022. Tara Valladares (UVA – Quantitative Psychology).

2020. Dingjing Shi (UVA – Quantitative Psychology).

2020. Robert Moulder (UVA – Quantitative Psychology).

2019. Caroline Kelsey (UVA – Developmental Psychology).

2018. Joey Meyer (UVA – Quantitative Psychology).

Committee Member for a Master's Thesis

2022. Elena Martynova (UVA – Quantitative Psychology).

2020. Dingjing Shi (UVA – Quantitative Psychology).

2019. Nicola Nones (UVA – Politics).

2019. Caroline Kelsey (UVA – Developmental Psychology).

2019. Tara Valladares (UVA – Quantitative Psychology).

2019. Robert Moulder (UVA – Quantitative Psychology).

Undergraduate Monographs/Research

2019 – 2020. Max Ryo, Computer Science Major, University of Virginia.

2019 – 2020. Haley McDonald, Cognitive Science Major, University of Virginia.

2014 – 2014. Vanúsia Marques Silva. Predicting obesity using learning trees. Faculdade Independente do Nordeste.

2014 – 2014. Anne Caroline Santos Bleza. Issues in predicting obesity. Faculdade Independente do Nordeste.

2014 – 2014. Ana Luiza Rodrigues Garcia. Obesity in the Brazilian Population. Faculdade Independente do Nordeste.

2014 – 2014. Diego Andrade. Predicting Academic Achievement of High-School Students Using Machine Learning. Faculdade Juvêncio Terra.

Professional Memberships

Association for Psychological Science (2017–present);

Psychometric Society (2017 - Present);

European Society of Research on Adult Development;

Brazilian Institute of Psychological Assessment.

Psychometric Society

Member of the Steering/Organizing Committee for the IMPS 2025