



CURRICULUM VITAE OF  
**ANTHONY STEVEN DICK**  
**PSYCHOLOGY DEPARTMENT**  
**FLORIDA INTERNATIONAL UNIVERSITY**

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## CONTACT INFORMATION

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## EDUCATION

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Ph.D. <i>Temple University</i> , <b>Developmental Psychology</b> (Advisor: Willis Overton, Ph.D.)	2000-2006
B.S. <i>The Ohio State University</i> , <b>Psychology</b> (Advisor: Gerald Winer, Ph.D.)	1996-2000
B.A. <i>The Ohio State University</i> , <b>Music</b> (Advisors: Paul Robinson, Ph.D.; Roger Hines, M.A.)	1996-2000

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## FULL-TIME ACADEMIC EXPERIENCE

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<i>Florida International University</i> , Professor, Psychology, Developmental Science/Cognitive Neuroscience	June 2020-present
Associate Professor, Psychology, Developmental Science/Cognitive Neuroscience	June 2016 – June 2020
Assistant Professor, Psychology, Developmental Science/Cognitive Neuroscience	Aug. 2010 – June 2016

<i>The University of Chicago</i> NIDCD NRSA Postdoctoral Fellow	Sep. 2007 – Jul. 2010
Department of Neurology (Advisor: Steven Small, Ph.D., M.D.) Postdoctoral Scholar	Feb. 2006 – Aug. 2007
Department of Neurology (Advisor: Steven Small, Ph.D., M.D.)	

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## PART-TIME ACADEMIC EXPERIENCE

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<i>Temple University</i> , Graduate Research Assistant Developmental Psychology (Department of Psychology)	Sep. 2000-Dec. 2005
<i>The Ohio State University</i> , Undergraduate Research Assistant Department of Psychology	Sep. 1998-Jun.2000

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## NON-ACADEMIC EXPERIENCE

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N/A

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## EMPLOYMENT RECORD AT FIU

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Professor, Psychology, Developmental Science/Cognitive Neuroscience	June 2020-present
Associate Professor, Psychology, Developmental Science/Cognitive Neuroscience	June 2016-June 2020
Assistant Professor, Psychology, Developmental Science/Cognitive Neuroscience	Aug. 2010 – 2016

Anthony Dick, Ph.D.: 2024-02-21

Co-Founder (with Dr. Leila Allen) and Director, Cognitive Neuroscience PhD Program	2020; 2022-present
Founding Director, Cognitive Neuroscience Major	2014 – 2020
Director, Developmental Science Program	2012 - 2014
Founding Director, Cognitive Neuroscience Graduate Certificate	2012 – 2020; 2022

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## BIOSKETCH

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Anthony Dick is Professor of Psychology at Florida International University. Anthony grew up in Cincinnati, Ohio and graduated from Archbishop McNicholas High School in 1996. He received his B.S. in Psychology and B.A. in Music (Jazz Studies) from The Ohio State University, Columbus, OH in 2000. He received his Ph.D. in Developmental Psychology from Temple University, Philadelphia, PA in 2006. There he studied executive function development with Dr. Willis Overton. Following that he completed a postdoctoral fellowship in the Department of Neurology at the University of Chicago, where he studied gesture and language neurobiology with Drs. Steven Small and Susan Goldin-Meadow. He moved to Miami in 2010 to a faculty position at Florida International University, where he was tenured in 2016 and promoted to Professor in 2020. **Anthony is a developmental cognitive neuroscientist who studies the neurobiology of language and executive function using diffusion-weighted and functional imaging. He is specifically interested in how these cognitive processes are mutually supported by developing structural and functional neural networks, in both typically developing and atypically developing children (e.g., children with ADHD, pediatric stroke).** In 2018 he edited a graduate developmental science text (Dick & Müller, Eds., *Advancing Developmental Science; Philosophy, Theory, and Method*). He has been funded by the NIDCD, NICHD, NIMH, NIDA, NIDDK and NSF to conduct his work.

Outside of work, Anthony enjoys a number of hobbies. He plays double bass and electric bass in local bands. He enjoys carpentry (mainly building furniture and guitars), and he snorkels and scuba dives. He is married and has a son.

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## PUBLICATIONS IN DISCIPLINE

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H-index: 33; i-10 index: 56

[https://scholar.google.com/citations?hl=en&user=c-M4lOcAAAAJ&view\\_op=list\\_works](https://scholar.google.com/citations?hl=en&user=c-M4lOcAAAAJ&view_op=list_works)

Roles: Under supervision, \* Undergraduate student; \*\* Graduate student; ^ Post-Bac

### Books

94. **Dick, A. S.**, & Müller, U. Eds. (2018). *Advancing developmental science: Philosophy, theory, and method*. New York and London: Routledge, Taylor and Francis Group.

### BioRxiv/PsyArXiv Preprints/Under Review

93. \*\*Bayat, M., \*\*Hernandez, M., \*\*Curzon, M., Garic, D., Graziano, P. A., & Dick, A. S. (2024) Reduced recruitment of inhibitory control regions in very young children with ADHD during a modified Kiddie Continuous Performance Task: A fMRI study. bioRxiv, 2024.01. 17.576033

92. Graziano, P. A., \*\*Hernandez, M. L., Dick, A. S., Arcia, E., Cox, S. K., Ayala, M., Carnero, N. A., O'Mara, N. L., Sundari Foundation (2023). Parenting challenges among families experiencing homelessness with children with and without externalizing behavior problems.

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## **Published Peer Reviewed Articles, Chapters, and Other Formats**

91. Garcia-Sanchez, N. L., **Dick, A. S.**, Hayes, T., & Pruden, S. M. (2024). Direct and indirect effects of mother spatial ability: What role does the home environment play? *Developmental Science*.
90. \*\*Desme, C., **Dick, A. S.**, Hayes, T., & Pruden, S.M. (2024). Individual differences in emerging adults' spatial abilities: What role do affective factors play? *Cognitive Research: Principles and Implications*.
89. \*\*Curzon, M. M., **Dick, A. S.**, Coccia, C., Graziano, P. A. (2024). Exploring differences in physical health in young children with and without ADHD. *Journal of Pediatric Psychology*.  
<https://doi.org/10.1093/jpepsy/jsad090>
88. \*\*Hernandez, M. L., Garcia, A. M., Spiegel, J. A., **Dick, A. S.**, & Graziano, P. A. (2024). Multimodal assessment of emotion dysregulation in children with and without ADHD and disruptive behavior disorders. *Journal of Clinical Child and Adolescent Psychology*.  
<https://www.tandfonline.com/doi/full/10.1080/15374416.2024.2303706>
87. Pelham III, W. E., Tapert, S. F., Gonzalez, M. R., Ahirakwe, U., Patel, H., Davis, I. S., Meruelo, A., Van Rinsveld, A. M., Marshall, A. T., **Dick, A. S.**, Guillaume, M., Dowling, G. J., Baskin-Sommers, A., & Brown, S. A. (2024). How does parental monitoring reduce adolescent substance use? Consideration of two potential mechanisms. *Journal of Studies on Alcohol and Drugs*.
86. Vieites, V., Ralph, Y., Reeb-Sutherland, B., **Dick, A. S.**, Mattfeld, A. T., & Pruden, S. M. (2024). Neurite density of the hippocampus is associated with trace eyeblink conditioning latency in 4- to 6-year-olds. *European Journal of Neuroscience*, 59, 358-369.
85. Kiss, O., Nagata, J. M., de Zambotti, M., **Dick, A. S.**, Marshall, A. T., Sowell, E. R., Van Rinsveld, A., Guillaume, M., Pelham, W. E., Gonzalez, M., Brown, S. A., Dowling, G. J., Lisdahl, K. M., Tapert, S. F. & Baker, F. (2023). Effects of the COVID-19 pandemic on screen time and sleep in early adolescents. *Health Psychology*. <https://doi.org/10.1037/hea0001251>
84. Meca, A., Peraza, J. A., Riedel, M. C., Hale, W., Pettit, J. W., Musser, E. D., Salo, T., Flannery, J. S., Bottenhorn, K. L., **Dick, A. S.**, Lobo, R. P., Ucros, K. M., Greaves, C. A., Hawes, S. W., Sanchez, M., Gonzalez, M. R., Sutherland, M. T., Gonzalez, R., & Laird, A. R. (2023). Acculturative orientations among Hispanic/Latinx caregivers in the ABCD Study: Associations with caregiver and youth mental health and youth brain function. *Biological Psychiatry: Global Open Science*.
83. Gonzalez, M.R., Brown, S., Pelham, W.E., Bodison, S.C., McCabe, C., Baker, F., Breslin, F., **Dick, A. S.**, Dowling, G.J., Guillaume, M.J., Hoffman, E.A., Lisdahl, K., Alzueta, E., Marshall, A.T., McCandliss, B.D., Van Rinsveld, A.M., Sheth, C.S., Sowell, E.R., Wade, N.E., Tapert, S. (2023). Family Well-Being During the COVID-19 Pandemic: The Risks of Financial Insecurity and Coping. *Journal of Research on Adolescence*, 33, 43-58. <https://onlinelibrary.wiley.com/doi/10.1111/jora.12776>
82. Jobson, K. R., Hoffman, L. J., Metoki, A., Popal, H., **Dick, A. S.**, Reilly, J., & Olson, I. (2022). Language and the cerebellum: Structural connectivity to the eloquent brain. *Neurobiology of Language*,  
[https://doi.org/10.1162/nol\\_a\\_00085](https://doi.org/10.1162/nol_a_00085)
81. Öztekin, I., Garic, D., Bayat, M., Hernandez, M. L., Finlayson, M. A., Graziano, P., & **Dick, A. S.** (2022). Structural and diffusion-weighted brain imaging predictors of attention-deficit/hyperactivity disorder and its symptomology in very young (4-7-year-old) children. *European Journal of Neuroscience*, 56, 6239-6257.  
<http://doi.org/10.1111/ejn.15842>
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80. Pelham III, W. E., Tapert, S. F., Gonzalez, M. R., Wade, N. E., Lisdahl, K. M., Guillaume, M., Marshall, A. T., Van Rinsveld, A., **Dick, A. S.**, Baker, F. C., Breslin, F. J., Baskin-Sommers, A., Sheth, C. S., & Brown, S. A. (2022). Parental knowledge/monitoring and adolescent substance use: a causal relationship? *Health Psychology*.
79. **Dick, A. S.**, Ralph, Y., Farrant, K., Reeb-Sutherland, B., Pruden, S., & Mattfeld, A. (2022). Volumetric development of hippocampal subfields and hippocampal white matter connectivity: Relationship with episodic memory. *Developmental Psychobiology*, 64, e22333.
78. Hernandez, M. L., Spiegel, J. A., Coxe, S., **Dick, A. S.**, & Graziano, P. A. (2022). Individual differences in germ spreading behaviors among children with attention-deficit/hyperactivity disorder: The role of executive functioning. *Journal of Pediatric Psychology*, 47, 892-904.
77. Garcia, N., **Dick, A. S.**, & Pruden, S. M. (2022). Contributions of executive function to spatial thinking in preschool children. *Infant and Child Development*, <https://doi.org/10.1002/icd.2317>
76. Poudel, R., Tobia, M. J., Riedel, M. C., Salo, T., Flannery, J. S., Hill-Bowen, L. D., **Dick, A. S.**, Laird, A. R., Parra, C. M., & Sutherland, M. T. (2022). Risky decision-making strategies mediate the relationship between amygdala activity and real-world financial savings among individuals from lower income households: A pilot study. *Behavioural Brain Research*, 428, 113867.
75. Graziano, P., Garic, D.\*\*, & **Dick, A. S.** (2022). Individual differences in white matter of the uncinate fasciculus and inferior fronto-occipital fasciculus: possible early biomarkers for callous-unemotional behaviors in young children with disruptive behavior problems. *Journal of Child Psychology and Psychiatry*, 63, 19-33.
74. Guillaume, M., Toomarian, E.Y., Van Rinsveld, A., Baskin-Sommers, A.R., **Dick, A.S.**, Dowling, G.J., Gonzalez, M. R., Hasak, L., Lisdahl, K.M., Marshall, A.T., Nguyen, Q.T.H., Pelham III, W.E., Pillai C., Sheth, C., Wang, A., Tapert, S.F., McCandliss, B.D. (2022) Negative impacts of pandemic induced at-home remote learning can be mitigated by parental involvement. *Frontiers in Education*, 7, 804191.
73. Coccia, C., Lovan, P., Macchi, A., Coto, J., **Dick, A. S.**, & Graziano, P. (2022). How much and what: Using a buffet to determine self-regulation of food intake among young school-age children. *Physiology and Behavior*, 249:113745.
72. Marshall, A., Hackman, D., Baker, F. C., Breslin, F. J., Brown, S. A., **Dick, A.S.**, Gonzalez, M. R., Guillame, M., Kiss, O., Lisdahl, K. M., McCabe, C. J., Pelham, W. E., Sheth, C., Tapert, S. F., Van Rinsveld, A., Wade, N. E., Sowell, E. R. (2022). Resilience to COVID-19: Socioeconomic disadvantage associated with positive caregiver-youth communication and youth preventative actions. *Frontiers in Public Health*. <https://doi.org/10.3389/fpubh.2022.734308>
71. **Dick, A. S.**, ^Silva, K., Gonzalez, R., Sutherland, M. T., Laird, A. R., Thompson, W. K., Tapert, S. F., Squeglia, L. M., Gray, K. M., Nixon, S.J., Cottler, L. B., La Greca, A. M., Gurwitch, R. H., & Comer, J. S. (2021). Neural vulnerability and hurricane-related media are associated with posttraumatic stress in youth. *Nature Human Behaviour*, 5, 1578-1589. <https://www.nature.com/articles/s41562-021-01216-3>
70. **Dick, A.S.**, Lopez, D. A., Watts, A. L., Heeringa, S., Reuter, C., Bartsch, H., Fan, C. C., Kennedy, D. N., Palmer, C., Marshall, A., Haist, F., Hawes, S., Nichols, T. E., Barch, D. M., Jernigan, T. L., Garavan, H., Grant, S., Pariyadath, V., Hoffman, E., Neale, M., Stuart, E. A., Paulus, M. P., Sher, K. J., & Thompson, W.
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- K. (2021). Meaningful associations in the Adolescent Brain Cognitive Development Study. *NeuroImage*, 239, 118262. <https://www.sciencedirect.com/science/article/pii/S1053811921005395?via%3Dihub#!>
69. Hare, M. M.<sup>\*\*</sup>, **Dick, A. S.**, Graziano, P. A. (2022). Adverse childhood experiences predict neurite density differences in young children with and without Attention Deficit Hyperactivity Disorder. *Developmental Psychobiology*, 64, e22234.
68. Pelham, W. E., Tapert, S. F., Gonzalez, M. R., Guillaume, M., **Dick, A. S.**, Sheth, C. S., Baker, F. C., Baskin-Sommers, A., Marshall, A. T., Lisdahl, K. M., Breslin, F. J., Van Rinsveld, A., & Brown, S. A. (2022). Parental knowledge/monitoring and adolescents' depressive symptoms: protective factor or spurious association? *Research on Child and Adolescent Psychopathology*. <https://doi.org/10.1007/s10802-021-00896-9>
67. Kiss, O., Alzueta, E., Yuksel, D., Pohl, K. M., de Zambotti, M., Müller-Oehring, E. M., Prouty, D., Durley, I., Pelham, W. E., McCabe, C. J., Gonzalez, M. R., Brown, S. A., Wade, N. E., Marshall, A. T., Sowell, E. R., Breslin, F. J., Lisdahl, K. M., **Dick, A. S.**, Sheth, C. S., McCandliss, B. D., Guillaume, M., Van Rinsveld, A. M., Dowling, G. J., Tapert, S. F., & Baker, F. C. (2022). The pandemic's toll on young adolescents: Prevention and intervention targets to preserve their mental health. *Journal of Adolescent Health*, 70, 387-395.
66. Barch, D. M., Albaugh, M. D., Baskin-Sommers, A., Bryant, B. E., Clark, D. B., **Dick, A. S.**, Feczko, E., Foxe, J. J., Gee, D. C., Giedd, J., Glantz, M. D., Hudziak, J. J., Karcher, N. R., LeBlanc, K., Maddox, M., McGlade, E. C., Mulford, C., Nagel, B. J., Neigh, G., Palmer, C. E., Potter, A. S., Sher, K. J., Tapert, S. F., Thompson, W. K., & Xie, L. (2021). Demographic and mental health assessments in the Adolescent Brain and Cognitive Development Study: Updates and age-related trajectories. *Developmental Cognitive Neuroscience*, 52, 101031. <https://www.sciencedirect.com/science/article/pii/S1878929321001201>
65. Stinson, E. A., Sullivan, R. M., Peteet, B. J., Tapert, S. F., Baker, F. C., Breslin, F. J., **Dick, A. S.**, Gonzalez, M. R., Guillaume, M., Marshall, A. T., McCabe, C. J., Pelham, W. E., Van Rinsveld, A., Sheth, C. S., Sowell, E. R., Wade, N. E., Wallace, A. L., & Lisdahl, K. M. (2021). Longitudinal impact of childhood adversity on early adolescent mental health during the COVID-19 pandemic in the ABCD Study® cohort: Does race or ethnicity moderate findings? *Biological Psychiatry: Global Open Science*. 2021 Sep 29. doi: 10.1016/j.bpsgos.2021.08.007
64. Garic, D.<sup>\*\*</sup>, Yeh, F.-C., Graziano, P., & **Dick, A. S.** (2021). *In vivo* Restricted-Diffusion Imaging (RDI) is sensitive to differences in axonal density in typical children and adults. *Brain Structure and Function*, 226, 2689-2705.
63. Byrd, A.L., Hawes, S.W., Waller, R., Delgado, M.R., Sutherland, M.T., **Dick, A.S.**, Trucco, E. M., Riedel, M.C., Pacheco-Colón, I., Laird, A.R., & Gonzalez, R. (2021). Neural Response to Monetary Loss Among Youth with Disruptive Behavior Disorders and Callous-Unemotional Traits in the ABCD Study. *NeuroImage: Clinical*, 32, 102810.
62. Silverman, M.R., Bennett, R., Feuerstahler, L., Stadterman, J., **Dick, A.S.**, Graziano, P., & Roy, A.K. (2021). Measuring emotion dysregulation in children with Attention-Deficit/Hyperactivity Disorder: Revisiting the factor structure of the Emotion Regulation Checklist (ERC). *Behavior Therapy*, 53, 196-207.
61. Lisdahl, K.M.,...**Dick, A.S.**, et al., (2021). Substance use patterns in 9-10-year-olds: Baseline findings from the Adolescent Brain Cognitive Development (ABCD) Study. *Drug and Alcohol Dependence*, 227, 108946.
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60. Pelham, W. E., Tapert, S. F., Gonzalez, M. R., McCabe, C. J., Lisdahl, K. M., Alzueta, E. R., Baker, F. C., Breslin, F. J., **Dick, A. S.**, Dowling, G. J., Guillaume, M., Hoffman, E., Marshall, A. T., McCandliss, B. D., Sheth, C. S., Sowell, E. R., Thompson, W. K., Van Rinsveld, A. M., Wade, N. E., & Brown, S. A. (2021). Early adolescent substance use before and during the COVID-19 pandemic: a longitudinal survey in the ABCD Study® cohort. *Journal of Adolescent Health*, 69, 390-397.
59. Öztekin, I., Finlayson, M., Graziano, P., & **Dick, A. S.** (2021). Is there any incremental benefit to conducting neuroimaging and neurocognitive assessments in the diagnosis of ADHD in young children? A machine learning investigation. *Developmental Cognitive Neuroscience*, 49, <https://www.sciencedirect.com/science/article/pii/S1878929321000578?via%3Dihub>
58. De Bruin, A., **Dick, A. S.**, & Carreiras, M. (2021). Clear theories are needed to interpret differences: Perspectives on the bilingual advantage debate. *Neurobiology of Language*, 2, 433-451. <https://direct.mit.edu/nol/article/2/4/433/100565/Clear-Theories-Are-Needed-to-Interpret-Differences>
57. Li, W., ... **Dick, A. S.**, et al.,... Sugrue, L. (2021). Rates of incidental findings on brain MRI in children. *JAMA Neurology*, 78, 578-587.
56. Hawes, S. W., Waller, R., Byrd, A. L., Bjork, J. M., **Dick, A. S.**, Sutherland, M. T., Riedel, M. C., Tobia, M. J., Thomson, N., Laird, A. R., & Gonzalez, R. (2021). Reward processing among children with Disruptive Behavior Disorders and Callous-Unemotional Traits in the ABCD Study. *American Journal of Psychiatry*, 178, 333-342.
55. Chaarani, B., ... **Dick, A. S.**, et al.,... Garavan, H. (2021). Brain function in the pre-adolescents of the ABCD Study. *Nature Neuroscience*, 24, 1176-1186.
54. Herting, M. M., ...**Dick, A.S.**, et al. (2021). Correspondence between physical development and hormone levels in 9-10-year-olds from the Adolescent Brain Cognitive Development (ABCD) Study. *Frontiers in Endocrinology*. <https://www.frontiersin.org/articles/10.3389/fendo.2020.549928/full>
53. Hawes, S. W., Waller, R., Byrd, A. L., Bjork, J. M., **Dick, A. S.**, Sutherland, M. T., Riedel, M. C., Tobia, M. J., Thomson, N., Laird, A. R., & Gonzalez, R. (2021). Reward processing among children with Disruptive Behavior Disorders and Callous-Unemotional Traits in the ABCD Study. *American Journal of Psychiatry*, 178, 333-342.
52. Conley, M. I., Skalaban, L., Rapuano, K., Gonzalez, R., Laird, A., **Dick, A. S.**, Sutherland, M., Watts, R., & Casey, B. (2020). Altered hippocampal microstructure and function in children who experienced Hurricane Irma. *Developmental Psychobiology*, 63, 864-877.
51. Deschamps, I., Courson, M., **Dick, A. S.**, & Tremblay, P. (2020). The phonological loop: Is speech special? *Experimental Brain Research*, 238, 2307-2321.
50. **Dick, A. S.**, & Tremblay, P. (2020). Broca and Wernicke are dead: The new neurobiology of language. Republished in Curtis, A., & Satchwell, M., *Psychology Review: A-Level Exam Skills and Practice*. Hodder Education, UK.
49. †Waller, R., †Hawes, S.W., Byrd, A.L., **Dick, A.S.**, Sutherland, M.T., Riedel, M.C., Tobia, M.J., Bottenhorn, K.L., Laird, A.R., & Gonzalez, R. (2020). Disruptive Behavior Problems, Callous-Unemotional Traits, and Regional Gray Matter Volume in the ABCD Study. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, 5, 481-489.
- †authors contributed equally to this manuscript
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48. Dajani, D. R., Odriozola, P., Winters, M., Voorhies, W., Marcano, S., Baez, A., Gates, K. M., **Dick, A. S.**, & Uddin, L. Q. (2020). Measuring cognitive flexibility with the Flexible Item Selection Task: From fMRI adaptation to individual connectome mapping. *Journal of Cognitive Neuroscience*, 6, 1026-1045.
47. Lee, J. C., **Dick, A. S.**, & Tomblin, J. B. (2020). Altered brain structures in the dorsal and ventral language pathways in individuals with and without Developmental Language Disorder (DLD). *Brain Imaging and Behavior*. doi: 10.1007/s11682-019-00209-1
46. Sibley, M., Ortiz, M., Graziano, P., **Dick, A. S.**, & Estrada, E. (2020). Metacognitive and motivation deficits, exposure to trauma, and high parental demands characterize adolescents with late-onset ADHD. *European Child and Adolescent Psychiatry*, 4, 537-548.
45. Hagler, D., Hatton, S. N., Makowski, C., Cornejo, D., Fair, D. A., **Dick, A. S.**, Sutherland, M. T., Casey, B. J., Barch, D. M. et al., (2019). Image processing and analysis methods for the Adolescent Brain and Cognitive Development (ABCD) Study. *NeuroImage*, 202, 116091.
44. **Dick, A. S.**, Garcia, N. L.\*\*, Pruden, S. M., Thompson, W. K., Hawes, S. W., Sutherland, M., Riedel, M., Laird, A., & Gonzalez, R. (2019). No evidence for a bilingual executive function advantage in the ABCD study. *Nature Human Behavior*, 3, 692-701 <https://www.nature.com/articles/s41562-019-0609-3>  
<https://psyarxiv.com/gjh95>
43. Nomi, J. S., Marshall, E., Zaidel, E., Biswal, B., Castellanos, F. X., **Dick, A. S.**, Uddin, L. Q., & Mooshagian, E. (2019). Diffusion-weighted imaging evidence of extra-callosal pathways for interhemispheric communication after complete commissurotomy. *Brain Structure and Function*, 224, 1897-1909.
42. Broce, I.\*\*, Bernal, B., Altman, N., Bradley, C., Baez, N., Cabrera, L., Hernandez, G., De Fera, A., & **Dick, A. S.** (2019). Fiber pathways supporting early literacy development in 5-8-year-old children. *Brain and Cognition*, 134, 80-89.
41. **Dick, A. S.**, Garic, D.\*\*, Graziano, P., & Tremblay, P. (2019). The frontal aslant tract (FAT) and its role in speech, language, and executive function. *Cortex*, 111, 148-163.  
<https://www.biorxiv.org/content/early/2018/01/22/249912> and <https://doi.org/10.1016/j.cortex.2018.10.015>
40. Garic, D.\*\*, Broce, I.\*\*, Graziano, P., Mattfeld, A. & **Dick, A. S.** (2019). Laterality of the frontal aslant tract (FAT) explains externalizing behaviors through its association with executive function. *Developmental Science*, 22, e12744.
39. Tremblay, P. T., Perron, M., Deschamps, I., Kennedy-Higgins, D., Houde, J-C., **Dick, A. S.**, & Descoteaux, M. (2019). A diffusion MRI study on the role of the arcuate and middle longitudinal fasciculi in the aging of speech perception in noise. *Human Brain Mapping*.
38. Comer, J. S., del Busto, C., **Dick, A. S.**, Furr, J. M., & Puliafico, A. C. (2019). Adapting PCIT to treat anxiety problems in young children: The CALM Program. In L. Niec (Ed.), *Handbook of Parent-Child Interaction Therapy: Innovations and applications for research and practice*. New York: Springer.
37. Tremblay, P., Deschamps, I., & **Dick, A. S.** (2019). Neurocognitive organization of articulatory and motor processes in speech. In M. Miozzo, G. de Zubicaray, & S. Schiller (Eds.). *Oxford handbook of neurolinguistics*. Oxford University Press.
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36. Nazareth, A.\*\* , **Dick, A. S.**, Killick, R., & Pruden, S. (2018). Strategy selection versus flexibility: Using eye-trackers to investigate strategy use during mental rotation. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 45, 232-245.
35. Casey, B.J., Cannonier, T., Conley, M., Cohen, A. O., Barch, D., Heitzig, M., Soules, M., Teslovich, T., Dellarco, D., Garavan, H., Orr, C., Wager, T., Banich, M., Speer, N., Sutherland, M., Riedel, M. C., **Dick, A. S.**, Bjork, J., Burgess, G. C., Thomas, K. M., Charaani, B., Mejia, M. H., Hagler, D., Sicat, C. S., Harms, M., Dosenbach, N., Earl, E., Bartsch, H., Watts, R., Polimeni, J., Kuperman, J., Fair, D., & Dale, A. and the ABCD Imaging Acquisition Workgroup (2018). The Adolescent Brain Cognitive Development (ABCD) study: Functional imaging acquisition across sites. *Developmental Cognitive Neuroscience*, 32, 43-54.
34. Nomi, J.S., Schettini, E., Broce, I.\*\* , **Dick, A. S.**, Uddin, L. Q. (2018). Structural connections of functionally-defined human insular subdivisions. *Cerebral Cortex*, 28, 3445-3456.
33. **Dick, A. S.**, & Tremblay, P. (2018). Broca and Wernicke are dead: The new neurobiology of language. *Psychology Review*, 23, 18-21.
32. **Dick, A. S.** (2018). The ontogenesis of neural networks from a network science perspective. In A. S. Dick & U. Müller (Eds.) *Advancing developmental science: Philosophy, theory, and method* (pp. 65-78). New York and London: Routledge, Taylor and Francis Group.
31. **Dick, A. S.**, & Müller, U. (2018). Introduction: Advancing developmental science: Philosophy, theory, and Method. In A. S. Dick & U. Müller (Eds.) *Advancing developmental science: Philosophy, theory, and method* (pp. 1-12). New York and London: Routledge, Taylor and Francis Group.
30. Tremblay, P. & **Dick, A.S.** (2017) Language and the brain: what we have learned from 30 years of brain imaging. *Contact Magazine, the official newsletter of the Teachers of English as a Second Language of Ontario*, 43, 30-36.
29. Vias, C.\*\* , & **Dick, A. S.**, (2017). Cerebellar contributions to language development: A review. *Developmental Neuropsychology*, 42, 404-421.
28. Tremblay, P., & **Dick, A. S.** (2016). Broca and Wernicke are dead: Or, moving past the Classic Model of language neurobiology. *Brain and Language*, 162, 60-71.
27. **Dick, A. S.**, & \*\*Broce, I. (2016). The neurobiology of gesture and its development. In G. Hickok and S. L. Small (Eds.) *Neurobiology of language* (pp. 389-398). San Diego, CA: Elsevier.
26. **Dick, A. S.**, & Small, S. L. (2015). Structural and functional components of brain networks for language. In A. Toga (Ed.) *Brain mapping: An encyclopedic reference* (pp. 653-659). San Diego, CA: Elsevier.
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18. Tremblay, P., **Dick, A. S.**, & Small, S. L. (2013). Functional and structural aging of the speech sensorimotor neural system: fMRI evidence. *Neurobiology of Aging*, 34, 1935-1951.
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15. **Dick, A. S.**, & Tremblay, P. (2012). Beyond the arcuate fasciculus: Consensus and controversy in the connectational anatomy of language. *Brain*, 135, 3529-3550.  
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14. **Dick, A. S.** (2012). Sources of cognitive inflexibility in set-shifting tasks: Insights into developmental theories from adult data. *Journal of Cognition and Development*, 13, 82-110. DOI: 10.1080/15248372.2011.573516.
13. **Dick, A. S.**, Goldin-Meadow, S., Solodkin, A., & Small, S. L. (2012). Gesture in the developing brain. *Developmental Science*, 15, 165-180. DOI: 10.1111/j.1467-7687.2011.01100.x.
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10. **Dick, A. S.**, Solodkin, A., & Small, S. L. (2010). Neural development of networks for audiovisual speech comprehension. *Brain and Language: Special Issue on Language Development*, 114, 101-114.
9. **Dick, A. S.**, & Hasson, U. (2010). Outsourcing neuroimaging data analysis: Implications for scientific accountability and issues in the public interest. *Trends in Cognitive Sciences*, 14, 2-4.
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8. Raja Beharelle, A., **Dick, A. S.**, Josse, G., Solodkin, A., Huttenlocher, P. R., Levine, S. C., & Small, S. L. (2010). Left hemisphere regions are critical in supporting language function following early focal left brain injury. *Brain*, 133, 1707-1716.
  7. **Dick, A. S.**, & Overton, W. F. (2010). Executive function: Description and explanation. In J. Carpendale, G. Iarocci, U. Müller, B. Sokol, & A. Young (Eds.), *Self and social regulation: Social interaction and the development of social understanding and executive functions* (pp. 7-34). New York: Oxford University Press.
  6. **Dick, A. S.**, Goldin-Meadow, S., Hasson, U., Skipper, J. I., & Small, S. L. (2009). Co-speech gestures influence neural activity in brain regions associated with processing semantic information. *Human Brain Mapping*, 30, 3509-3526.
  5. Overton, W. F., & **Dick, A. S.** (2007). A competence-procedural approach to logical reasoning. In M. J. Roberts (Ed.), *Integrating the mind* (pp. 233-256). Hove, UK: Psychology Press.
  4. Müller, U., **Dick, A. S.**, Gela, K., Overton, W. F., & Zelazo, P. D. (2006). The role of negative priming in preschoolers' flexible rule use on the Dimensional Change Card Sort Task. *Child Development*, 77, 395-412.
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  2. Weisberg, R. W., Brinkman, A. R., **Dick, A. S.**, Fleck, J. I., Niederberger, B., Folio, C. J., & Barrett, F. (2004). A quantitative analysis of musical creativity: Improvisation in jazz. *Revista di Analisi e Teoria Musicale*, 2, 35-57.
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### **Publications in the Popular Press**

Comer, J., & Dick, A. S. (2022, February 20). Disaster news can trigger post-traumatic stress in kids thousands of miles away. *The Washington Post*.

<https://www.washingtonpost.com/health/2022/02/20/children-disasters-mental-health/>

Comer, J., & Dick, A. S. (2022, February 7). Disaster news on TV and social media can trigger post-traumatic stress in kids thousands of miles away—here's why some are more vulnerable. *The Conversation*.

<https://theconversation.com/disaster-news-on-tv-and-social-media-can-trigger-post-traumatic-stress-in-kids-thousands-of-miles-away-heres-why-some-are-more-vulnerable-173627>

### **News Articles About Laboratory Research**

Sanders, L. (2019, May 24). Being bilingual is great. But it may not boost some brain functions. *Science News*. <https://www.sciencenews.org/article/being-bilingual-may-not-boost-some-brain-functions>

Fattal, A. B. (2019, May 20). Research rules out mental flexibility, attention as advantages for some bilingual children. *FIU News*. <https://news.fiu.edu/2019/research-rules-out-mental-flexibility-attention-as-advantages-for-some-bilingual-children>

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## FUNDED RESEARCH

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### Active Grants

Title/Funding Agency/Grant Number	Role	Amount	Dates
2U01DA041156 <i>ABCD-USA Consortium: Research project site at FIU.</i> Gonzalez, R., & Laird, A. (Co-PIs); <b>Dick, A.S.</b> , Sutherland, M. (Co-Is)	Co-I	\$13,940,663	4/15/2020-3/31/2027
R01HD098152 <i>Individual Differences in the Development of Spatial Skills: Role of Hippocampal Function and Structure.</i> Pruden, S., and Mattfeld, A. (Co-PIs); <b>Dick, A.S.</b> , Hayes, T., (Co-Is), Newcombe, N., Shusterman, A. (Consultants) National Institute for Child Health and Development (NICHD)	Co-I	\$1,975,458	8/1/2019-7/31/2023
R01DK119814 <i>Early childhood behavioral and neurobiological profiles in the prediction of obesity: The role of self-regulation and the caregiving environment.</i> Graziano, P., and <b>Dick, A. S.</b> (Co-PIs); Coccia, C., and Coxe, S. (Co-Is) National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)	Co-PI	\$2,735,305	9/1/2018 – 8/30/2023

### Inactive Grants

Title/Funding Agency/Grant Number	Role	Amount	Dates
R01MH112588 <i>Biosignatures of executive function and emotion regulation in young children with ADHD.</i> Graziano, P. A. and <b>Dick, A. S.</b> (Co-PIs); Pelham, W., Laird, A., Musser, E., and Coxe, S. (Co-Is) National Institute of Mental Health (NIMH)	Co-PI	\$2,626,213	9/1/2017-8/31/2021
NSF RAPID 2028680: Impact of the COVID-19 Pandemic On Child Development in the ABCD Cohort. Tapert, Susan (PI) and <b>Dick, A. S.</b> (Co-I)	Co-I	\$200,000.00	4/6/2020-4/5/2021
<i>Administrative Supplement to R01MH11258-03S1 Biosignatures of executive function and emotion regulation in young children with ADHD.</i> Öztekin, I., Graziano, P., & <b>Dick, A.S.</b> (Co-PIs)	Co-PI	\$147,500	9/1/2019-8/31/2020

CRUSDA Supplemental Pilot Studies Program AWD11668: Examining the role of the COVID-19 crises on family resiliency factors, family health behaviors and mental/physical health outcomes in Latino families with a child with or without ADHD. Coccia, Catherine (PI), Graziano, P. (Co-I) and Dick, A. S. (Co-I)	Co-I	\$50,000	6/1/2020-5/20/2021
1U01DA041156 <i>ABCD-FIU: Pathways and mechanisms to addiction in Latino youth of South Florida.</i> Gonzalez, R., & Laird, A. (Co-PIs); <b>Dick, A.S.</b> , Sutherland, M. (Co-Is)	Co-I	\$12,689,357	9/1/2015-8/31/2020
NSF BCS1805645: RAPID: <i>Leveraging the ABCD study to examine the effects of Hurricane Irma exposure: The Disaster and Youth, Neural, and Affective Maturation in Context (DYNAMIC) Study.</i> <b>Dick, A. S.</b> & Comer, J. (Co-PIs), & Gonzalez, R., A. Laird, M. Sutherland, S. Coxe (Co-Is) National Science Foundation	Co-PI	\$180,000	1/15/18 – 8/31/2019
R000 <i>The teenage brain at the transition to high school.</i> Sibley, M., Graziano, P. A., & <b>Dick, A. S.</b> (Co-PIs) Private Philanthropic Donation	Co-PI	\$100,000	2017
R56MH108616 <i>Biosignatures of executive function and emotion regulation in young children with ADHD.</i> Graziano, P. A. and <b>Dick, A. S.</b> (Co-PIs); Pelham, W., Laird, A., Musser, E., and Coxe, S. (Co-Is) National Institute of Mental Health (NIMH)	Co-PI	\$713,466	9/1/2016-8/31/2017
R000 <i>My mind and my money.</i> Parra, C., Sutherland, M., <b>Dick, A. S.</b> , & Laird, A. (Co-PIs) Catalyst Miami Foundation	Co-PI	\$50,000	2015-2017
Center for Children and Families (CCF) Intramural Research Award <b>Dick, A. S.</b> (PI)	PI	\$5,000	2015
<i>Functional and structural brain aging and its effect on speech production</i> (5886) Tremblay, P. (PI); <b>Dick, A. S.</b> (Co-I) Québec Bioimaging Network	Co-I	\$12,500	2014
College of Arts and Sciences Competitive Summer Faculty Development Award <b>Dick, A. S.</b> (PI)	PI	\$7,500	2011

F32DC008909 <i>Effects of early lesion on language and gesture comprehension: An fMRI study.</i> <b>Dick, A. S.</b> (PI) National Institute on Deafness and Other Communicative Disorders (NIDCD) Ruth L. Kirschstein National Research Service Award for Individual Postdoctoral Fellows (NRSA)	PI	\$147,750	2007-2010
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### Submitted Grants

Title/Funding Agency/Grant Number	Role	Amount	Dates
R01MH112588 <i>Biosignatures of executive function and emotion regulation in young children with ADHD.</i> Graziano, P. A. and <b>Dick, A. S.</b> (Co-PIs); McMakin, D., Coxe, S. (Co-Is) National Institute of Mental Health (NIMH)	Co-PI	\$3,660,270	9/1/2022-8/31/2027
R2110510855 <i>Effects of stimulant medication on brain development in children with ADHD.</i> <b>Dick, A. S.</b> and Graziano, P. A. (Co-PIs); Hayes (Co-I)	Co-PI	\$396,297	8/01/2022-7/31/2024
1R21RHD106152 (PIs: Alfano, Pruden) <i>Spanish-speaking parents learning English: Quality and quantity of adult language in parent-child conversations.</i> National Institute of Child Health and Human Development	Co-I	\$405,625	7/1/2022-6/30/2024
U54 MD012393 (PIs: Wagner, Sutherland, Trucco); <u>Supplement to Sub-Project 5378.</u> <i>Antecedents and consequences of electronic nicotine delivery systems in underrepresented youth: COVID-19 response</i>	Co-I	\$183,027.00	7/1/2020-6/30/2021

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### Unfunded Grants (Recent)

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Title/Funding Agency/Grant Number	Role	Amount	Dates
R21MH122797 <i>Leveraging the ABCD and AHEAD studies to define bio-signatures of ADHD in pre-K and elementary school children.</i> Öztekin, I. and <b>Dick, A.S.</b> (Co-PIs), Graziano, P., and Finlayson, M. (Co-Is) National Institute of Mental Health (NIMH)	Co-PI	\$405,625	9/1/2020-8/31/2022
R01DC12408559 <i>Individual differences in auditory and language brain networks in children who are hard of</i>	Co-PI	\$3,662,955	9/1/2019-8/31/2024



*hearing: Associations with cumulative auditory experience.*

Tomblin, B. and **Dick, A. S.** (Co-PIs); Joanna Lee, Elizabeth Walker, Kristi Hendrickson, Inyong Choi (Co-Is)  
National Institute for Deafness and Other Communication Disorders (NIDCD)

*Working memory development at the behavioral and neural levels: Growth of capacity or growth of control?*

Öztekin, I. and **Dick, A.S.** (Co-PIs)  
National Science Foundation

Co-PI    \$736,891    9/1/19-8/31/23

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## PRESENTED PAPERS AND LECTURES

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### Invited Lectures

31. **Dick, A. S.** (2022). *Broca and Wernicke are dead, or moving past the Classic Models of language.* Presented at the International Society for Mapping the Brain, Online Conference (April 2022).

30. **Dick, A. S.** (2022). On writing scientific papers. (Online Presentation). The National Hospital for Neurology and Neurosurgery Queen Square, London, UK.

29. **Dick, A. S.** (2021). Examining typical and atypical brain development using diffusion-weighted magnetic resonance imaging. (Online Presentation). The Pennsylvania State University, State College, PA, USA.

28. **Dick, A. S.** (2021). On writing scientific review papers. (Online Presentation). The National Hospital for Neurology and Neurosurgery Queen Square, London, UK.

27. **Dick, A. S.** (2020). Two centuries after arcuate fasciculus—consensus and controversies in language networks. The National Hospital for Neurology and Neurosurgery Queen Square, London, UK.

26. **Dick, A. S.** (2020). The death of Broca and Wernicke territories? Fourth Annual Course in White Matter Surgery and Brain Mapping. The National Hospital for Neurology and Neurosurgery Queen Square, London, UK.

25. **Dick, A. S.** (2018). Puzzling out the structural connectome across development. University of Iowa, Iowa City, IA.

24. **Dick, A. S.** (2017). The structural connectome supporting language and its development. University of Iowa, Iowa City, IA.

23. **Dick, A. S.** (2017). Developmental cognitive neuroscience. National Science Foundation, Washington, DC.

22. **Dick, A. S.** (2016). Broca and Wernicke are dead. Florida Atlantic University Conference on Psycholinguistics.

21. **Dick, A. S.** (2016). Neuroimaging of language networks in pediatric stroke. Society for Brain Mapping and Therapeutics, Miami, FL.

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20. **Dick, A. S.** (2015). The developing brain's response to early stroke. Invited lecture at the University of Miami Department of Psychology, Miami, FL.
19. **Dick, A. S.** (2015). Cerebellar contributions to language recovery following early pre- or perinatal stroke. Invited lecture at the Barbara Gordon Memorial Lecture and Linguistics Festival, Miami, FL.
18. **Dick, A. S.** (2015). Neural connectivity and MRI methods: Contributions to the neurobiology of speech, language, and literacy. Invited lecture at the University of Guadalajara, Guadalajara, Mexico.
17. **Dick, A. S.** (2014). Fiber pathways supporting developing speech, language, and literacy. Invited lecture at the Université Laval, Quebec City, Canada.
16. **Dick, A. S.** (2014). Neural development of speech and language in typical and atypical populations. Invited lecture at the Cincinnati Children's Hospital Medical Center, Cincinnati, OH.
15. **Dick, A. S. & Broce, I.** (2014). Long association fiber pathways for speech and language in the developing brain. Invited lecture at the Barbara Gordon Memorial Lecture and Linguistics Festival, Miami, FL.
14. **Dick, A. S.** (2013). Dorsal and ventral streams for language: Perspective from research on co-speech gesture. Invited lecture at the University of Trento Centre for Mind/Brain Sciences, Trento and Rovereto, Italy.
13. **Dick, A. S.** (2013). Dorsal and ventral streams for language: Perspective from research on co-speech gesture. Invited lecture at the Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany.
12. **Dick, A. S.** (2013). Replacing the Broca-Wernicke-Geschwind model: New thinking on the neurobiology of language. Invited lecture at the Florida International University Barbara Gordon Memorial Lecture in Linguistics. Florida International University, Miami, FL.
11. **Dick, A. S.** (2012). Dorsal and ventral streams for audiovisual language. Invited lecture at the Florida Atlantic University Neuroscience Lecture Series. Florida Atlantic University, Boca Raton, FL.
10. **Dick, A. S.** (2011). The neurobiological organization of language following early brain injury. Invited lecture at the University of Miami Department of Psychology Colloquium. University of Miami, Miami, FL.
9. **Dick, A. S.** (2011). The neurobiological organization of language following early brain injury. Keynote address at the Florida International University/Florida Atlantic University Joint Conference on Cognition and Cognitive Development. Miami, FL.
8. **Dick, A. S.** (2010). *Neural development of networks for audiovisual language*. Invited lecture at Florida International University Department of Psychology Colloquium. Florida International University, Miami, FL.
7. **Dick, A. S.** (2010). *Neural development of networks for audiovisual language*. Invited lecture at Depaul University Department of Psychology Colloquium. Depaul University, Chicago, IL.
6. **Dick, A. S.** (2010). *Neural development of networks for audiovisual language*. Invited lecture at The University of the Pacific Department of Psychology Colloquium. The University of the Pacific, Stockton, CA.

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5. **Dick, A. S.** (2010). *Neural development of networks for audiovisual language*. Invited lecture at The University of Chicago Developmental Brown Bag, The University of Chicago, Chicago, IL.
  4. **Dick, A. S.** (2010). *Basics of MRI and fMRI*. Invited lecture at the Department of Psychiatry Neuroscience Seminar, The University of Chicago, Chicago, IL.
  3. **Dick, A. S.** (2009). *MRI and fMRI: At what are we looking?* Invited lecture at the Department of Psychiatry Neuroscience Seminar, The University of Chicago, Chicago, IL.
  2. **Dick, A. S.** (2008). *Explaining cognitive inflexibility in children and adults*. Invited lecture at The University of Chicago Developmental Brown Bag, The University of Chicago, Chicago, IL.
  1. **Dick, A.S.** (2008). Database enabled visualization and analysis of neuroimaging data. Invited lecture at the Scientific and Statistical Computing Core, NIMH, Bethesda, MD (in collaboration with Uri Hasson, Michael Andric, and Steven L. Small).

#### Conference Presentations

Roles: \* Undergraduate student; \*\* Graduate student; ^ Post-Bac

109. Wu, Y., Mattox, N., Bowley, H., Lioi, P., Ralph, Y., Vieites, V., Rengel, M., Renfro, A., Hayes, T., **Dick, A. S.**, Mattfeld, A. & Pruden, S. (2024, March). Wayfinding experience is related to spatial skills in 4- to 6-year-olds. Poster to be presented at the Cognitive Developmental Society Bi-Ennial Conference. Pasadena, CA.
108. Mattox, N., Bowley, H., Vieites, V., Wu, Y., Ralph, Y., Lioli, P., Hayes, T., Mattfeld, A., **Dick, A. S.**, Pruden, S. M. (2023, July). What's age got to do with it? Age and Hippocampal Volume as Predictors of Children's Spatial Reorientation Task Performance. Abstract submitted to the 56th Annual Meeting of the International Society for Developmental Psychobiology. Utrecht, Netherlands.
107. Wu, Y., Bowley, H., Lioi, P., Ralph, Y., Vieites, V., Rengel, M., Renfro, A., Hayes, T., **Dick, A. S.**, Mattfeld, A., Pruden, S. (March, 2023). *The association between working memory, inhibitory control, and spatial ability in 4-6-year-olds*. Poster presented at the 2023 Society for Research in Child Development Biennial Meeting, Salt Lake City, Utah.
106. Bowley, H., Wu, Y., Lioi, P., Vieites, V., Ralph, Y., Pruden, S., **Dick, A. S.**, Mattfeld, A., Hayes, T., Renfro, A., & Rengel, M. (March, 2023). *Exploring individual and sex differences in trace eyeblink conditioning (EBC) in 4-6-year-olds*. Poster presented at the 2023 Society for Research in Child Development Biennial Meeting, Salt Lake City, Utah.
105. Curzon, M., Bermeo, L.M., Hernandez, M.L., Coccia, C., **Dick, A. S.**, & Graziano, P.A. (2023, March 23-25) *Beyond Body Mass Index: Examining Physical Health Indicators Among Preschoolers With and Without Attention-Deficit/Hyperactivity Disorder*. Poster presented at the 2023 Society for Research in Child Development Biennial Meeting, Salt Lake City, Utah.
104. Hernandez, M.L., Curzon, M., Bermeo, L.M., **Dick, A. S.**, & Graziano, P.A. (2023, March 23-25) *Emotion dysregulation in young children with and without ADHD: The role of comorbid conduct problems*. Poster presented at the 2023 Society for Research in Child Development Biennial Meeting, Salt Lake City, Utah.
103. Graziano, P., Hernandez, M., Curzon, M., **Dick, A. S.**, Arcia, E., Ayala, M., Carnero, N., O'Mara, N., Cox, S., & Sundari Foundation (2023, March). *Parenting Challenges Among Families Experiencing*

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*Homelessness*. Poster presented at the 2023 Society for Research in Child Development Biennial Meeting, Salt Lake City, Utah.

102. Pruden, S. M., Ralph, Y., Vieites, V., Renfro, M., Bowley, H., Rengel, M., Hayes, T., **Dick, A. S.**, & Mattfeld, A. (2022, September). *Relation between hippocampal neurite density and trace eyeblink conditioning in four-to-six-year-old children*. Poster presented at the Annual Meeting of the Flux Congress, Paris, France.

101. Bayat, M., Hernandez, M., Sanchez, A., Garcia, N., Renderos, W., Ramos, A., Ma, L., Landano, J., Thompson, C., Graziano, P., & **Dick, A. S.** (2022, September). Neurobiological differences in executive function/emotion regulation in preschool-aged typically-developing children and children with ADHD. Poster presented at the Annual Meeting of the Flux Congress, Paris, France.

100. **Dick, A. S.**, Bayat, M., Hernandez, M., Sanchez, A., Bejarano, A., Garic, D., Garcia, N., Renderos, W., Borges, H., Ma, L., Landano, J., Thompson, C., Badran, R., & Graziano, P. (2022, September). No microstructural differences in subcortical dopaminergic regions in young children with ADHD compared to typical children. Poster presented at the Annual Meeting of the Flux Congress, Paris, France.

99. **Dick, A. S.** (2022). *Broca and Wernicke are dead, or moving past the Classic Models of language*. Presented at the International Society for Mapping the Brain, Online Conference (April 2022).

98. Sanchez, A., Bejarano, A., Garic, D., Ma, L., Garcia, N., Renderos, W., Borges, H., Londono, J., Thompson, C., Bayat, M., Graziano, P., **Dick, A. S.** (February, 2022). *Neurite density in substantia nigra in children with ADHD*. Poster presented at the virtual conference for the Society for the Study of Human Development.

97. Ma, L., Lehrman, S., Bejarano, A., Garic, D., Graziano, P., & **Dick, A. S.** (February, 2022). *White matter connectivity of the SLF II and executive function in young children with ADHD*. Poster presented at the virtual conference for the Society for the Study of Human Development.

96. \*Jeune, S., **Dick, A. S.**, Graziano, P., & Coccia C. *The comparison of Healthy Eating Index Scores Between Elementary School Children with and without Attention-Deficit/Hyperactivity Disorder*, Journal of the Academy of Nutrition and Dietetics, 2021;121(9): A33

95. Coccia, C., \*Jeune, S., \*Lovan, P., **Dick, A.S.**, Graziano, P. *Family food insecurity and child nutrition during COVID-19: Examining Latino families response to the pandemic*. Journal of the Academy of Nutrition and Dietetics, 2021; 121(9): A90

94. Hernandez, M.L., Spiegel, J.A., **Dick, A.S.**, & Graziano, P.A. (2021) Individual differences in germ spreading behaviors among children with and without attention-deficit/hyperactivity disorder: The role of executive functioning. Poster presented to the Society for Prevention Research 29th Annual Meeting, Virtual Convention.

93. **Dick, A. S.** (2021). Benefits and challenges of diffusion-weighted imaging for language mapping. Presented at the International Society for Mapping the Brain, Online Conference (March 2021).

92. Vieites, V., & Reeb-Sutherland, B., Mattfeld, A., **Dick, A.S.**, Hayes, T., & Pruden, S.M., (2021, April). *Does understanding basic relational language help children succeed on a spatial reorientation task?* Poster presented at the annual meeting of the Society for Research in Child Development (SRCD), Virtual Conference.

91. Öztekin, I., Finlayson, M. A., Graziano, P. & **Dick, A.S.** (2020). Predictive modeling of ADHD diagnostic category using cognitive and neurobiological measures of executive function. Poster presented at the annual meeting of the Flux Society.

90. Öztekin, I., Graziano, P., & **Dick, A. S.** (2020). Microstructure in the posterior parietal cortex supports working memory function in 9-10-year-old children. Poster presented at the 27<sup>th</sup> annual meeting of Cognitive Neuroscience Society.

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89. Garic, D., Badran, R., Bejarano, A., Chavez, F., Alfano, A., Graziano, P., & **Dick, A.S.** (2020). Association between Frontal Aslant Tract structure and phonetic misarticulation in 4-7-year-old children. Poster presented at the virtual meeting of the Society for the Neurobiology of Language.
88. **Dick, A. S.**, Vieites, V., Renfro, M., Bowley, H., Rengel, M., Mattfeld, A., Hayes, T., Reeb-Sutherland, B., & Pruden, S. M. (2020). Relation between hippocampal neurite density and trace eyeblink conditioning in four-to-six-year-old children. Poster presented at the virtual meeting of the Flux Congress.
87. Hernandez, M., Spiegel, J., Hare, M., **Dick, A.S.**, & Graziano, P. (2020) Examining the role of executive functioning in young children with attention-deficit/hyperactivity disorder. Poster will be presented virtually at the Association for Behavioral and Cognitive Therapies 54th Annual Convention 2020.
86. Macchi, A., Coccia, C., Lovan, P., Coto, J., Garcia, A., **Dick, A.S.**, & Graziano G. (2019). A new strategy to assess self-regulation of food intake among elementary school children. *Journal of the Academy of Nutrition and Dietetics*, 119(9): A27. doi: <https://doi.org/10.1016/j.jand.2019.06.103>
85. **Dick, A. S.**, Garic, D., Badran, R., Behar, D., Torres, A., Garcia, A., Hernandez, M., Borges, H., & Graziano, P. (2020, May). Data Blitz: The frontal aslant tract (FAT) is a frontal lobe white matter biosignature differentiating young children with ADHD from typical controls. Data blitz presentation presented at the virtual conference of the Cognitive Neuroscience Society.
84. **Dick, A. S.**, Garic, D., Badran, R., Behar, D., Torres, A., Garcia, A., Hernandez, M., Borges, H., & Graziano, P. (2020, May). The frontal aslant tract (FAT) is a frontal lobe white matter biosignature differentiating young children with ADHD from typical controls. Poster presented at the virtual conference of the Cognitive Neuroscience Society.
83. Öztekin, I., Graziano, P., & **Dick, A. S.** (2020, May). *Microstructure in the posterior parietal cortex supports working memory function in 9-10-year-old children*. Poster presented at the virtual conference of the Cognitive Neuroscience Society.
82. Vias, C.\*\* & **Dick, A. S.** (2019). *Laterality of cerebellum distinguishes early stroke patients from typical brain development*. Poster presented at the 12<sup>th</sup> Meeting of the Society for the Study of Human Development, Portland, OR.
81. Garic, D., Behar, D., Torres, A., Badran, R., Linoci, V., Borges, H., Graziano, P., & **Dick, A.S.**, (2019, August). Frontal aslant tract structure differentially predicts executive function performance in children with and without ADHD. Poster presented at the 7<sup>th</sup> Annual Flux Congress, New York, NY.
80. Marshall, E. K., Nomi, J. S., Zaidel, E., Biswal, B., Castellanos, X., **Dick, A. S.**, Mooshagian, E., & Uddin, L. (2019, May). Extra-callosal pathways supporting interhemispheric communication after complete commissurotomy. Poster presented at the 12<sup>th</sup> Annual Meeting of the Social & Affective Neuroscience Society, Miami, FL.
79. Garic, D., Graziano, P., & **Dick, A. S.** (2019, May). Laterality of the frontal aslant tract (FAT) explains externalizing behaviors through its association with executive function. Poster presented at the 12<sup>th</sup> Annual Meeting of the Social & Affective Neuroscience Society, Miami, FL.
78. Garcia, A., Graziano, P., & **Dick, A. S.** (2019, May). Examining emotion dysregulation in young children with and without ADHD: A transdiagnostic approach. Poster presented at the 12<sup>th</sup> Annual Meeting of the Social & Affective Neuroscience Society, Miami, FL.
77. Garic, D., & **Dick, A.S.** (2019, April). Comparison of diffusion-weighted imaging density metrics: Examining neurite and axonal density *in vivo*. Poster presented at the annual Neural Engineering Research Symposium. Coral Gables, Florida.
76. Garic, D., Behar, D., Torres, A., Badran, R., Linocci, V., Borges, H., Graziano, P., & **Dick, A.S.** (2019, March). Bilateral Frontal Aslant Tract Development and its Relation to Inhibitory Control in 4- to 7-Year-Old Children. Poster presented at the Cognitive Neuroscience Society conference. San Francisco, California.



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75. **Dick, A. S.**, Comer, J.S., Silva, K., Gonzalez, R., Sutherland, M., Laird, A., Gurwitch, R., La Greca, A., Squeglia, L., Gray, K., Nixon, S.J., Cottler, L., & Tapert, S. (2019, March). Leveraging the ABCD study to examine the effects of Hurricane Irma exposure. Paper presented at the 2019 Biennial Meeting of the Society for Research in Child Development. Baltimore, MD.
74. **Dick, A. S.**, Garcia, N. L., Pruden, S. M., Thompson, W. K., Hawes, S. W., Sutherland, M., Riedel, M., Laird, A., & Gonzalez, R. (March, 2019). No bilingual advantage for executive function: Evidence from a large sample of children in the Adolescent Brain and Cognitive Development (ABCD) Study. Paper presented at the 2019 Biennial Meeting of the Society for Research in Child Development. Baltimore, MD.
73. **Dick, A. S.**, Comer, J., & Gonzalez, R. (2018). ABCD DYNAMIC: Hurricane Irma sub-study update. Presented at the annual meeting of the Adolescent Brain and Cognitive Development (ABCD) study, San Diego, CA.
72. Garic, D. & **Dick, A.S.** (2018, November). Neurite density patterns in the corpus callosum: Comparison of diffusion-weighted imaging density metrics. Poster presented at the International Society for Developmental Psychobiology conference. San Diego, California.
71. Sibley, M.H., **Dick, A.S.**, Graziano, P.A., & Ortiz, M. (2018, October). Clinical and Neurocognitive Profiles of Adolescents with Late-Onset ADHD Symptoms. In Sibley, M.H. "*Contemporary Issues in Diagnosing and Treating Adolescent ADHD: Stimulant Diversion, Late-Onset Symptoms, Sleep Problems, and Teenage Impulsivity.*" Paper Presented at the Annual Meeting of the American Academy of Child and Adolescent Psychiatry, Seattle, WA.
70. **Dick, A. S.**, Garcia, N. L., Pruden, S. M., Thompson, W. K., Hawes, S. W., Sutherland, M., Riedel, M., Laird, A., & Gonzalez, R. (August, 2018). No bilingual advantage for executive function: Evidence from a large sample of children in the Adolescent Brain and Cognitive Development (ABCD) Study. Poster presented at the 2018 Flux Congress, Berlin, Germany.
69. Farant, K., Mattfeld, A., & **Dick, A. S.** (2018). Development of the hippocampus and its relation to episodic memory in children. Poster presented at the 2018 Flux Congress, Berlin, Germany.
68. Garic, D., Broce, I., & **Dick, A.S.** (2018, July). Bilateral differences in Frontal Aslant Tract development predicting verbal fluency: A Diffusion Tensor Imaging study. Poster presented at the International Society for the Study of Behavioural Development conference. Gold Coast, Queensland, Australia.
67. Garic, D., & **Dick, A.S.** (2018, April). Restricted Diffusion Imaging (RDI) of the human corpus callosum in children and adults: Evidence of the use of RDI as a metric of axonal packing density. Poster presented at the Statewide Graduate Student Research Symposium. Tallahassee, Florida.
66. Sutherland, M.T., Riedel, M.C., and **Dick, A.S.** (2018). Task-based neuroimaging probes of the developing brain in the ABCD study. Oral presentation delivered at the annual meeting of the *Research Society on Alcoholism*, San Diego, CA, June 16-20.
65. Marshall, E., Nomi, J. S., **Dick, A. S.**, Mooshagian, E., & Uddin, L. Q. (2018). Diffusion-weighted imaging reveals compensatory white matter reorganization after complete commissurotomy. Poster presented at the Organization for Human Brain Mapping Meeting, Singapore.
64. Dajani, D.R., Odriozola, P., Winters, M., Voorhies, W., Marciano, S., Baez, A., **Dick, A.S.**, Uddin, L.Q. (2018, June) Neural correlates of cognitive flexibility: Adapting the Flexible Item Selection Task to the fMRI environment. Poster presented at the Organization for Human Brain Mapping Meeting, Singapore.
63. Raja Beharelle, A., Asaridou, S., Siu, D., **Dick, A.S.**, Levine, S. C., Solodkin, A., McIntosh, A. R., & Small, S. L. (2018, June). Enhanced function of typical hubs supports near-normal language ability after early focal lesions. Poster presented at the Organization for Human Brain Mapping Meeting, Singapore.

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62. **Dick, A. S.**, & Comer, J. (2018). Leveraging the ABCD study to examine the effects of Hurricane Irma exposure in youth: The Disaster and Youth, Neural and Affective Maturation in Context (DYNAMIC) study. Poster presented at the Conference for National Science Funding, Washington, DC.
61. Dick, A. S. (2017, October). Executive function across the lifespan. Paper presented at the 2017 Meeting of the Society for the Study of Human Development, Providence, RI.
60. **Garic, D.**, & Dick, A.S. (2018, April). Restricted Diffusion Imaging (RDI) of the human corpus callosum in children and adults: Evidence of the use of RDI as a metric of axonal packing density. Poster presented at the Statewide Graduate Student Research Symposium. Tallahassee, FL.
59. **Garic, D.**, Zetina, H., & Dick, A.S. (2017, November). Development of the Lateral Lemniscus and Its Relation to Receptive Vocabulary. Poster presented at the International Society for Developmental Psychobiology. Washington, DC.
58. **Dick, A. S.**, Garic, D.\*\* , & Zetina, H.\* (2017, September). Development of the lateral lemniscus and its relation to receptive vocabulary. Poster and Flash Presentation presented at the Flux Congress Meeting, Portland, OR.
57. Zetina, H.\* , Garic, D.\*\* , & **Dick, A. S.** (2017, April). The lateral lemniscus and its development in typical children. Poster presented at the March for Science, Miami, Florida.
56. Broce, I., Garic, D., Mattfeld, A., & **Dick, A. S.** (2017, April). Dorsal and ventral streams supporting literacy: Connectivity of the vertical occipital fasciculus. Poster presented Society for Research in Child Development. Austin, Texas.
55. Zetina, H., Garic, D., & **Dick, A. S.** (2017, March). Diffusion-weighted imaging of the lateral lemniscus and its development in typical children. Poster presented at the Conference for Undergraduate Research. Miami, Florida.
54. Garic, D., Zetina, H., Broce, I., Graziano, P.A., & **Dick, A. S.** (2017, March). The Frontal Aslant Tract (FAT): Relation to executive function and attention in typical children. A mediation approach. Poster presented at the Cognitive Neuroscience Society conference, San Francisco, California.
53. Garic, D., Broce, I., Zetina, H., & **Dick, A. S.** (2016, September). Laterality of the Frontal Aslant Tract (FAT) and its relation to executive function in typical children. Poster presented at the Flux: The Society for Developmental Cognitive Neuroscience, St. Louis, Missouri. Also presented at Florida Psycholinguistics Meeting, Davie, Florida.
52. Garic, D., Broce, I., Zetina, H., & **Dick, A. S.** (2016, August). Development of the Frontal Aslant Tract (FAT) and its relation to executive function. Poster presented at the Society for the Neurobiology of Language, London, England.
51. Long, H. B., Panara, K., Molina, L., Williams, M., Buglo, E., Broce, I., Nomi, J. S., **Dick, A.S.**, & Uddin, L. (2016). *Sex differences in white matter tracts of the human anterior commissure: A diffusion magnetic resonance imaging study*. Poster presented at the University of Miami Undergraduate Research Symposium, Miami, FL.
50. Broce, I.\*\* , Baez, N.\* , Cabrera, L.\* , Hernandez, G.\* , & **Dick, A. S.** (2015). *Fiber pathways supporting early literacy in young children*". Poster presented at the Neurobiology of Language Conference, Chicago, IL.
49. Baez, N.\* , Broce, I.\*\* , Cabrera, L.\* , & **Dick, A. S.** (2015). *Relation of white matter microstructure to early literacy skill in young children*. Poster presented at Society for Research in Child Development, Philadelphia, PA.

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48. Vias, C.\*\* , Mora, J.\* , Byron, A.\* , Morales, A.\* , **Dick, A. S.**, Solodkin, A., Small, S.L. (2015). *Cerebellar contributions to language recovery following early stroke*. Poster presented at Society for Research in Child Development, Philadelphia, PA.
47. DeFeria, A.\* , Vias, C.\*\* , Byron, A.\* , Morales, A.\* , Medina, J.\* , **Dick., A.S.**, Solodkin, A., Small, S.L. (2013) *Cerebellar Contributions to Language Recovery Following Pre- or Perinatal Stroke*. Poster presented at the 22<sup>nd</sup> Annual Neuroscience Research Day at the University of Miami Leonard M. Miller School of Medicine. 12/2013
46. DeFeria, A.\* , Broce, I.J.\*\* , Iribarne, G.\* , **Dick, A.S.**, Tremblay, P., Hasson, U., Andric, M., Small, S.L. (2014) *Neurobiology of Narrative Level Sentence Comprehension*. Poster presented at the Florida Undergraduate Research Conference (FURC) at Florida International University. 02/2014.
45. DeFeria, A.\* , Broce, I.J.\*\* , Iribarne, G.\* , **Dick, A.S.**, Tremblay, P., Hasson, U., Andric, M., Small, S.L. (2014) *Neurobiology of Narrative Level Sentence Comprehension*. Poster presented at the 11<sup>th</sup> Annual Advanced Research and Creativity in Honors (ARCH) Conference at Florida International University. 03/2014.
44. Vias, C.\*\* , Mora, J.\* , Byron, A.\* , Morales, A.\* , **Dick, A. S.**, Solodkin, A., Small, S.L. (2014). *Cerebellar contributions to language recovery following early stroke*. Poster presented at Cognitive Neuroscience Society in Boston, Massachusetts.
43. Broce, I.J.\*\* , Iribarne, I.\* , Moraczewski, D.\* , Sheffield, M.\* , Bernal, B., Altman, N., **Dick., A.S.**, (2014, April) *Frontal aslant fiber tract in the developing brain: A Diffusion Tensor Imaging (DTI) study*. Poster presented at Cognitive Neuroscience Society in Boston, Massachusetts.
42. Bryon, A.\* , Vias, C.\*\* , **Dick, A. S.**, Solodkin, A., & Small, S.L. *Cerebellar contributions to language recovery following pre- or perinatal stroke*. Poster presented at the Florida Undergraduate Research Conference (2014, February). Miami, Florida.
41. Bryon, A.\* , Vias, C.\*\* , **Dick, A. S.**, Solodkin, A., & Small, S.L. *Cerebellar contributions to language recovery following pre- or perinatal stroke*. Poster presented at the Advanced Research and Creativity in Honors (2014, March) Miami, Florida.
40. Bryon, A.\* , **Dick, A.S.**, Solodkin, A., & Small, S.L. (2014, April). *Development of a semi-automated cerebellar atlas for use in brain imaging research*. Paper presented at the South Eastern Cell Undergraduate Research Symposium, Miami, Florida.
39. Giraldo, S., Medina, J., Maharaj, A., & **Dick, A. S.** (2013). *Evaluating sources of cognitive inflexibility in children and adults*. Poster presented at the Meeting of the Society for the Study of Human Development, Ft. Lauderdale, FL.
38. ^Bradley, C., Araya, A., & **Dick, A. S.** (2013). *Development of audiovisual speech perception: An eye-tracking study in 5- to 8-year-olds*. Poster presented at the Meeting of the Society for the Study of Human Development, Ft. Lauderdale, FL.
37. **Dick, A. S.**, \*\*Broce, I., ^Bradley, C., Bernal, B., \*\*Maharaj, A., & Altman, N. (2013). *Neurobiological development of audiovisual speech perception: An fMRI study in 5- to 8-year olds*. Poster to be presented at the annual meeting for the Organization for Human Brain Mapping, Seattle, WA (also presented at the SRCD meeting).
36. **Dick, A. S.**, ^Bradley, C., \*\*Broce, I., Bernal, B., \*\*Maharaj, A., & Altman, N. (2013). *Neurobiological development of audiovisual speech perception: An fMRI study in 5- to 8-year olds*. Poster presented at the biennial meeting for the Society for Research in Child Development, Seattle, WA.
35. \*Garcia, C., & **Dick, A. S.** (2013). *Influence of bilingual language dominance on resilient perseveration on the Dimensional Change Card Sort Task*. Poster presented at the biennial meeting for the Society for Research in Child Development, Seattle, WA.

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34. \*Diaz, A., \*\*Mannino, M., \*Garcia-Iñiguez, \*Williams, M., \*Geisler, E., Hermanson, S., & **Dick, A. S.** (2013). *Development of eye morphology relevant to gaze-cuing in the human infant*. Poster presented at the biennial meeting for the Society for Research in Child Development, Seattle, WA.
33. \*Medina, J., \*\*Maharaj, A., \*Geisler, E., \*Giraldo, S., ^Bradley, C., \*Paz, M., & **Dick, A. S.** (2013). *Evaluating sources of cognitive inflexibility in children and adults*. Poster presented at the biennial meeting for the Society for Research in Child Development, Seattle, WA.
32. ^Bradley, C., & **Dick, A. S.** (2013). *Individual and developmental differences in audiovisual speech perception: An eye-tracking study*. Poster presented at the biennial meeting for the Society for Research in Child Development, Seattle, WA.
31. **Dick, A. S.**, ^Bradley, C., \*\*Broce, I., Bernal, B., \*Junco, B., \*\*Maharaj, A., & Altman, N. (2012). *Individual and developmental differences in audiovisual speech perception: An eye-tracking and fMRI study*. Paper presented at the Conference for the Society for the Neurobiology of Language, San Sebastian, Spain.
30. \*\*Broce, I., **Dick, A. S.**, Tremblay, P., Hasson, U., Andric, M., & Small, S. L. (2012). *The neurobiology of sentence comprehension in a narrative context*. Poster presented at the Conference for the Society for the Neurobiology of Language, San Sebastian, Spain.
29. Tremblay, P., **Dick, A. S.**, & Small, S. L. (2012). *Are neuroanatomical changes driving neurophysiological changes in the speech sensorimotor neural system in aging? An fMRI study*. Poster presented at the Conference for the Society for the Neurobiology of Language, San Sebastian, Spain.
28. ^Bradley, C.A., **Dick, A.S.**, & Pruden, S.M. (2012) *Defining area of interest (AOI): Impact on eye-tracking results*. Paper presented at the 5<sup>th</sup> International EyeTrackKids Conference, Minneapolis, MN.
27. ^Bradley, C. A., \*\*Name, A., \*Delgado, N. T., Pruden, S. M., & **Dick, A. S.** (2012). *Establishing a sampling rate exclusion criterion for eye-tracking research*. Poster presented at the EyeTrack Kids Symposium at the International Conference on Infant Studies, Minneapolis, MN.
26. **Dick, A. S.**, & Wright, D. B. (2012). *There's a chance you're miscalculating chance: On the calculation of chance performance in developmental research*. Paper presented at the Society for Research in Child Development Developmental Methodology Themed Meeting, Tampa, FL.
25. ^Bradley, C. A., \*Junco, B., & **Dick, A. S.** (2012). *Visual speech influence on category boundary shifts in auditory speech perception*. Poster presented at the Southeast Psychological Association Conference, New Orleans, LA.
24. \*Junco, B., ^Bradley, C. A., & **Dick, A. S.** (2012). *Visual speech influence on category boundary shifts in auditory speech perception: An eye tracking study*. Poster presented at the Southeast Psychological Association Conference, New Orleans, LA.
23. Tremblay, P., ^Buchholz, B., **Dick, A. S.**, & Small, S. L. (2011). *Do elderly hear with their premotor cortices?* Poster presented at the Meeting of the Organization for Human Brain Mapping, Quebec City, QB.
22. Tremblay, P., **Dick, A. S.**, ^Buchholz, B., & Small, S. L. (2011). *Age-related changes in the role of the motor system in the perception and production of speech*. Paper presented at the International Seminar on Speech Production, Montreal, QB.
21. **Dick, A. S.**, Goldin-Meadow, S., Solodkin, A., & Small, S. L. (2011). *Gesture in the developing brain*. Poster presented at the Society for Research in Child Development, Montreal, QB.
20. **Dick, A. S.**, Raja Beharelle, A., Levine, S. C., Solodkin, A., & Small, S. L. (2011). *Interhemispheric functional connectivity following pre- or perinatal brain injury predicts language outcome*. Poster presented at the Society for Research in Child Development, Montreal, QB (this poster was also presented at the Neurobiology of Language and Society for Neuroscience Conferences, San Diego, 2010).

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19. Mok, E. H., **Dick, A. S.**, Raja Beharelle, A., Zinchenko, E., Demir, O. E., & Small, S. L. (2010). *Neural processing of co-speech iconic gestures*. Poster presented at the Neurobiology of Language Conference, San Diego, CA
18. **Dick, A. S.**, Solodkin, A., & Small, S. L. (2010). *Developmental differences in network interactions for speech and gesture*. Poster presented at the Meeting of the Organization for Human Brain Mapping, Barcelona, Spain.
17. **Dick, A. S.**, Solodkin, A., & Small, S. L. (October, 2009). *Neural development of networks for audiovisual speech comprehension*. Poster presented at the Neurobiology of Language Conference, Chicago, IL. (this poster was also presented at the Society for Neuroscience Conference, 2009)
16. **Dick, A. S.**, Solodkin, A., & Small, S. L. (October, 2009). *Neural development of networks for audiovisual speech comprehension*. Poster presented at the Conference of the Society for Neuroscience, Chicago, IL.
15. Raja, A. C., **Dick, A. S.**, Huttenlocher, P. R., Levine, S. C., Small, S. L. (April, 2009). *Regional functional plasticity in children with early left hemisphere lesions*. Paper presented at the Meeting of the Society for Research in Child Development, Denver, CO.
14. **Dick, A. S.** (August, 2008). *Further evidence for negative priming in dimensional shifting tasks*. Poster presented at the Development of Executive Functions workshop, Oxford, UK. (some of the data were also presented at the APS meeting, May 2008)
13. **Dick, A. S.** (August, 2008). *Development of cognitive flexibility beyond the preschool period*. Poster presented at the Development of Executive Functions workshop, Oxford, UK. (some of the data were also presented at the SRCD meeting, March 2007)
12. **Dick, A. S.** (May, 2008). *Sources of cognitive inflexibility in children and adults*. Poster presented at the Meeting of the Association for Psychological Science, Chicago, IL.
11. **Dick, A. S.**, & Small, S. L. (April, 2008). *Developmental differences in the functional organization of auditory and audiovisual discourse networks*. Poster presented at the Meeting of the Cognitive Neuroscience Society, San Francisco, CA.
10. **Dick, A. S.**, Levine, S. C., Goldin-Meadow, S., Huttenlocher, P., & Small, S. L. (June, 2007). *Expressive and receptive language in people with early brain injury*. Poster presented at the Meeting of the Organization for Human Brain Mapping, Chicago, IL.
9. **Dick, A. S.**, & Overton, W. F. (March, 2007). *The development of cognitive flexibility beyond the preschool period*. Poster presented at the Meeting of the Society for Research in Child Development, Boston, MA.
8. **Dick, A. S.**, Skipper, J. I., Levine, S. C., Goldin-Meadow, S., Huttenlocher, P., & Small, S. L. (October, 2006). *Language and gesture processing in people with early brain lesions and their siblings: An fMRI study*. Paper presented at the Meeting of the Society for Neuroscience, Atlanta, GA.
7. **Dick, A. S.**, & Small, S. L. (September, 2006). *Language and gesture processing in children and adults: An fMRI study*. Poster presented at the University of Chicago Neuroscience Retreat, New Buffalo, MI.
6. Josse, G., Skipper, J. I., **Dick, A. S.**, Goldin-Meadow, S., & Small, S. (June, 2006). *How is discourse processing affected by speech-associated gesture? Evidence from fMRI*. Poster presented at the Conference on Human Brain Mapping, Florence, Italy.
5. Anderson, W. D., **Dick, A. S.**, & Overton, W. F. (June, 2006). *An investigation of sex differences in emotion based decision making*. Poster presented at the meeting of the Jean Piaget Society, Baltimore, MD.
4. **Dick, A. S.**, & Overton, W. F. (October, 2005). *Perseveration following a temporal delay in the Dimensional Change Card Sort*. Poster presented at the meeting of the Cognitive Development Society, San Diego, CA.



3. **Dick, A. S.**, Müller, U., Ringrose, A., & Overton, W. F. (June, 2005). *Determinants of perseveration in the Dimensional Change Card Sort*. Poster presented at the meeting of the Jean Piaget Society, Vancouver, CA.
2. **Dick, A. S.**, Müller, U., Overton, W. F. (October, 2003). *Further support for negative priming in the Dimensional Change Card Sort*. Poster presented at the meeting of the Cognitive Development Society, Park City, UT.
1. **Dick, A. S.**, Overton, W. F., & Kovacs, S. L. (April, 2003). *Using representations: Children's coordination of symbols in theory of mind, executive function, and representation of imagined objects*. Poster presented at the biennial meeting of the SRCD, Tampa, FL.

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## PROFESSIONAL HONORS, PRIZES, AND FELLOWSHIPS

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FIU Top Scholar for Research and Creative Activities	2017; 2019
College of Arts, Science, and Education Award for Research	2018
College of Arts and Sciences Competitive Summer Faculty Development Award 2011 (Total award: \$7,500)	2011
National Institute on Deafness and Other Communicative Disorders (NIH/NIDCD) Ruth L. Kirschstein National Research Service Award for Individual Postdoctoral Fellows (NRSA) <b>F32 DC008909</b> : <i>Effects of early lesion on language and gesture comprehension: An fMRI study</i> . (9/1/2007-8/31/2010; Total Award: \$147,750).	2007-2010
Certificate of Merit in Teaching, Temple University	2004; 2005

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## OFFICES HELD IN PROFESSIONAL SOCIETIES

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### Steering Committee

Society for the Study of Human Development (2012-present)

### Webmaster

Society for the Study of Human Development (2014-present)

### Local Organizing Committee

Society for the Study of Human Development (2013 meeting: Chair)

Academy of Aphasia (2014 meeting; Chair)

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## OTHER PROFESSIONAL ACTIVITIES AND PUBLIC SERVICE

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### Undergraduate Teaching

#### Florida International University

*Neuropsychology* (PSB 4240; Web Assisted): Spr 2019 (online); Spr 2016 (online); Sum 2015; Spr 2015; Fall 2014; Sum 2014 (online); Spr 2014; Fall 2013; Sum 2013; Spr 2013; Fall 2012; Sum 2012; Spr 2012; Spr 2011; Fall 2011

*Directed Readings* (PSY 4900): Spr 2013

*Independent Research* (PSY 4916): Fall 2010 – Spr 2019

#### Temple University (Graduate Instructor of Record)

Anthony Dick, Ph.D.: 2024-02-21

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*Inferential Methods in Psychology*: Fall 2003; Spr 2004; Sum 2004; Fall 2004; Sum 2005  
*Research Methods in Psychology*: Sum 2002; Sum 2005; Fall 2005  
*Introduction to Developmental Psychology*: Sum 2001; Sum 2005

### **Graduate Teaching (Florida International University)**

*Quantitative Methods I*: (PSY 5939): Fall 2023; Fall 2022  
*Human Neuroanatomy* (PSB 6215; Web Assisted): Fall 2017; Fall 2015  
*Cognitive Neuroscience* (EXP 5667; Web Assisted): Spr 2024; Spr 2022; Spr 2020; Fall 2017; Spr 2015; Spr 2013; Fall 2010  
*Developmental Research Methods* (DEP 5796; Web Assisted): Spr 2014; Spr 2012  
*History and Systems* (PSY 5605; Web Assisted): Fall 2019

### Student Supervision and Advising

### **Postdoctoral Fellow Supervision**

Ilke Gillam (2018-2021)

### **Graduate Student Supervision as Major Advisor**

Marilyn Curtis (PhD program; Fall 2022 to current)  
Mohammadreza Bayat (PhD program; Fall 2021 to current)  
Nisha Brijmohan (PhD program; Fall 2020-2021 left program for industry)  
Iris Broce (PhD program; Fall 2011-Fall 2016)  
Carolina Vias (PhD program; Fall 2014-Summer 2021)  
Michael Mannino (terminal MA; Fall 2012 transferred to FAU)  
Dea Garic (PhD program; Fall 2015-Summer 2020)  
Kristafor Farrant (PhD Program; Fall 2016-2019 left with masters)  
Alexandra Lutz (PhD Program; Fall 2017-Spring 2021 left with masters)

### **Graduate Student Supervision as Collaborator**

André Maharaj (PhD program; Graduated 2014)

### **Masters Thesis Committees**

#### Chair

Marilyn Curtis (Cognitive Neuroscience)  
Mohammadreza Bayat (Cognitive Neuroscience)  
Dea Garic (Developmental Science)  
Iris Broce (Developmental Science)  
Carolina Vias (Cognitive Neuroscience)  
Kristafor Farrant (Cognitive Neuroscience)  
Alexandra Lutz (Cognitive Neuroscience)

#### Committee Member

Carlos Desme (Developmental Science)  
Nelcida Garcia (Developmental Science)  
Puck Reenders (Cognitive Neuroscience)

Brianna Pankey (Cognitive Neuroscience)  
Chris Clifford (Developmental Science)  
Jessica Flannery (Cognitive Neuroscience)  
Josh Herrington (Developmental Science)  
Shwetha Shrikanth (Developmental Science)  
Brittany Yusko (Developmental Science)  
Elaine Espanola (Developmental Science)  
Carla Abad (Developmental Science)  
Vanessa Vieites (Developmental Science)

## **Dissertation Committees**

### Chair

Marilyn Curtis (Cognitive Neuroscience)  
Mohammadreza Bayat (Cognitive Neuroscience)  
Carolina Vias (Cognitive Neuroscience)  
Iris Broce (Developmental Science) “Brain networks supporting literacy development”  
Dea Garic (Developmental Science)

### Committee Member

Karinna Rodriguez (Developmental Science)  
Carlos Desme (Developmental Science)  
Valentina Roldan (Cognitive Neuroscience)  
Benjelene Sutherland (Cognitive Neuroscience)  
Maximilian Schlecht (Cognitive Neuroscience)  
Jason Hays (Cognitive Neuroscience)  
Patricio Viera Perez (Cognitive Neuroscience)  
Nelcida Garcia (Developmental Science)  
Puck Reeder (Cognitive Neuroscience)  
Labiba Jahan (Computing and Information Sciences)  
Joshua Eisenberg (Computing and Information Sciences)  
Dina Dajani (University of Miami, Psychology)  
Gregory Maloney (Finance)  
Vanessa Vietes (Developmental Science)  
Andres Peña (Biomedical Engineering)  
Paloma Rodriguez (Pedraza) (Developmental Science)  
Josh Herrington (Developmental Science)  
Fernando Patterson (Finance)  
Nametha Raju (Developmental Science)  
Alina Nazareth (Developmental Science)

### Undergraduate Student Supervision

## **McNair Scholar Mentees**

Alexarae Bryon (2014-2015)  
Jessica Medina (2013-2014)

## **Honors Thesis Committees**

Dany Alvarez (2018)  
Heidy Zetina (2016)  
Asiel Herrera (2012)  
Gretter Hernandez (2015)

**Volunteer Mentees (Undergraduate)**

Christopher Shoukry  
Amanda Ramos  
Wilfredo Renderos  
Nathalia Garcia  
Delaney Dardet  
Anthony Sanchez  
Daniel Sola  
Alexis Rodriguez  
Claire Scott-Bacon  
Fabrizio Chavez  
Rina Badran  
Diana Behar  
Valentina Linoci  
Hector Borges  
Armando Torres  
Heidy Zetina  
Jervon Wright  
Diego Torres  
Sophia Tchir  
Ania Suros  
Jefferson Salan  
Dany Noguera  
Jairo Munoz  
Thandi Lyew  
German Lopez  
Judy Lobo  
Matteo Grudny  
Sophia Ramirez  
Ellie Cabrera  
Dustin Moraczewski  
Juan Correa  
Malgorzata Bielecka  
Luis Villena  
Luis Cabrera  
Jairo Munoz  
Alexarae Bryon  
Arnaldo Morales  
Andrea Cuadro  
Cynthia Goldberg  
Gretter Hernandez  
Natalie Baez  
Abby Araya  
Amy Diaz

Anna De Feria  
Riyaad Secharan  
Natalie Gonzalez  
Phillip Agres  
Carolina Garcia  
Barbara Junco  
Jessica Mora  
Jessica Medina  
Jessica Garcia-Iñiguez  
Emily Geisler  
Stefany Giraldo  
Gonzalo Iribarne  
Mark Sheffield  
Nadia Myrthil  
Melanie Williams

### **Volunteer Mentees (High School)**

Chelsea Thompson  
Juan Landano  
Larissa Ma  
Sophia Lehrman  
Kevin Roman  
Yaretson Carmenate

### **Student Awards**

Iris Broce, MA. *Dissertation Year Fellowship, 2015*  
Iris Broce, MA. *Best Thesis, Psychology, 2014*  
Yaretson Camenate *Best Presentation FIU Summer Research Internship Program*

### **Graduate Student Placements**

Dea Garic (Postdoctoral Fellow, UNC Carolina Institute for Developmental Disabilities; 2020-present)  
Iris Broce (Postdoctoral Fellow, University of California at San Francisco; 2016-2020; Assistant Research Professor, University of California at San Diego, 2020-present)

### **Notable Undergraduate Student Placements**

Claire Scott-Bacon (University of Notre Dame PhD Program)  
Anna De Feria (New York Institute of Technology College of Osteopathic Medicine at Arkansas State University)  
Dustin Moraczewski (Fall 2014, PhD Program Psychology University of Maryland; PhD 2019)  
Barbara Junco (Fall 2012 Masters Program Birkbeck College University of London, Advisor: Dr. Fred Dick)  
Melanie Williams (NIH Postbacc Intramural Research Training Award, Advisor: Dr. William Freed)



Abby Araya (Nova Southeastern Counseling Psychology; Fall 2014)

Amy Diaz (Carlos Abiza University PsyD Program; Fall 2015)

Philip Agres (University of Texas at Dallas, PhD Program; Fall 2015)

### **Post-graduate Student Supervision**

Andrea Bejarano (Lab Coordinator; 2019-2021)

Catherine Bradley (Lab Coordinator; 2011-2013): University of Florida Speech Pathology Program, 2013-2015; Licensed Speech Pathologist US Department of Veterans Affairs

### Professional Service

#### **Ad-hoc Journal Reviewer**

*Behavioral Neurology; Behavioral and Brain Functions; Brain; Brain and Language; Brain Research; Brain Structure and Function; Brain Topography; Cerebral Cortex; Child Development; Cognition; Cognitive, Affective, and Behavioral Neuroscience; Cognitive Neuropsychology; Developmental Psychology; Developmental Science; Developmental Psychobiology; Frontiers in Neuroscience; Hippocampus; Human Brain Mapping; Infancy; Journal of Abnormal Child Psychology; Journal of Cognition and Development; Journal of Cognitive Neuroscience; Journal of Experimental Child Psychology; Journal of Speech, Language, and Hearing Research; Nature Communications; Neuropsychologia; Neurobiology of Language; Psychological Bulletin; Wiley Interdisciplinary Reviews: Cognitive Science; Scientific Reports*

#### **Panel Grant Reviewer**

National Science Foundation

National Institutes of Health (NIMH-CPDD)

#### **Ad-hoc Grant Reviewer**

National Science Foundation

National Institutes of Health

Human Brain Project, European Union

Medical Research Council, United Kingdom

#### **Editorial Service**

Editorial Board, *Biological Psychiatry, Global Open Access* (Editor: Deanna Barch, Ph.D.)

Guest Editor, "The white matter connectome supporting speech and language in the human brain." Special Issue, *Neurobiology of Language*

Guest Editor, "Bilingualism and Executive Function" Special Issue, *Neurobiology of Language*

Consulting Editor, *Developmental Psychology*, 2017

Review Editorial Board, *Frontiers in Brain Imaging Methods*, 2012-2016

#### **Conference Reviewer**

*The Cognitive Development Society*

*The Society for the Neurobiology of Language*

*The Society for Research in Child Development*

*The Society for the Study of Human Development*

## **Student Representative**

*The Jean Piaget Society (2002)*

## **Department, College, and University Service**

### Service to Department (Florida International University)

Founding Director (with Dr. Leila Allen): Cognitive Neuroscience PhD Program (2021-present)  
Founding Director, Cognitive Neuroscience Program (2014-2020)  
Director, Developmental Science Program (2012-2014)  
Cognitive Neuroscience Program Committee (2014-present)  
Developmental Science Program Committee (2010-present)  
Member, Personnel Practices Committee (2018-present)  
Member, Department Strategic Planning Committee (2011-present)  
Chair, Cognitive Neuroscience Hiring Committee (2017; 2018; 2019)  
Member, Developmental Methods Hiring Committee (2012)  
Member, Cognitive Neuroscience Hiring Committee (2012; 2014)  
SACS reviewer (2011; 2012)  
Conference Co-Organizer, South Florida Child Psychology Research Conference, 2014; 2015

### Service to College and University (Florida International University)

Quality Enhancement Plan (QEP) Steering Committee (2021)  
Co-Founder (with Dr. Leila Allen), Cognitive Neuroscience PhD Program (2020)  
Co-Chair, Cognitive Neuroscience PhD Committee (2019-2020)  
Chair, Cognitive Neuroscience Committee (2011-2016)  
Founding Director, Graduate Certificate in Cognitive Neuroscience (2012-2020)  
Organizer, Lectures in Cognitive Neuroscience (2011-2016)  
CASE Steering Committee (2019-2020)  
CASE Postdoctoral Fellow Review Committee (2020)  
Member, FIU Democratic Engagement Committee (2020-present)

### Professional Memberships

*Cognitive Neuroscience Imaging Center (FIU; 2014-2016)*  
*Center for Children and Families (FIU; 2012-present)*  
*Institute for Child Health and Development (FIU; 2010-2012)*  
*Flux Congress*  
*The Society for Research in Child Development*  
*The Society for the Study of Human Development*  
*The Academy of Aphasia*  
*The Society for the Neurobiology of Language*  
*The Society for Neuroscience*  
*The Cognitive Development Society*  
*The Jean Piaget Society*

## REFERENCES

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1. Dr. Steven L. Small, Ph.D., M.D.  
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Email: [small@uci.edu](mailto:small@uci.edu)
2. Dr. Willis F. Overton, Ph.D.  
Department of Psychology  
Temple University  
1701 N. 13<sup>th</sup> Street  
Philadelphia, PA 19122  
Email: [overton@temple.edu](mailto:overton@temple.edu)
3. Dr. Nora Newcombe, Ph.D.  
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Temple University  
1701 N. 13<sup>th</sup> Street  
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4. Dr. Susan Goldin-Meadow, Ph.D.  
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