Stanford

Jason Yeatman

Associate Professor of Pediatrics (Developmental-Behavioral Pediatrics), of Education and of Psychology

Curriculum Vitae available Online

CONTACT INFORMATION

- **Administrative Assistant**

  Leslie Dinan - Administrative Assistant

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Bio

BIO

Dr. Jason Yeatman is an Associate Professor in the Graduate School of Education and Department of Psychology at Stanford University and the Division of Developmental and Behavioral Pediatrics at Stanford University School of Medicine. Dr. Yeatman completed his PhD in Psychology at Stanford where he studied the neurobiology of literacy and developed new brain imaging methods for studying the relationship between brain plasticity and learning. After finishing his PhD, he took a faculty position at the University of Washington's Institute for Learning and Brain Sciences before returning to Stanford.

As the director of the Brain Development and Education Lab, the overarching goal of his research is to understand the mechanisms that underlie the process of learning to read, how these mechanisms differ in children with dyslexia, and to design literacy intervention programs that are effective across the wide spectrum of learning differences. His lab employs a collection of structural and functional neuroimaging measurements to study how a child's experience with reading instruction shapes the development of brain circuits that are specialized for this unique cognitive function.

ACADEMIC APPOINTMENTS

- Associate Professor, Developmental-Behavioral Pediatrics
- Associate Professor, Graduate School of Education
- Associate Professor, Psychology
- Member, Bio-X
- Member, Wu Tsai Human Performance Alliance
- Member, Maternal & Child Health Research Institute (MCHRI)
- Member, Wu Tsai Neurosciences Institute

PROGRAM AFFILIATIONS

- Symbolic Systems Program

LINKS

- Brain Development & Education Lab: https://www.brainandeducation.com/
- Rapid Online Assessment of Reading (ROAR): https://roar.stanford.edu/

Research & Scholarship

RESEARCH INTERESTS

- Brain and Learning Sciences
- Child Development
- Data Sciences
- Early Childhood
- Literacy and Language
- Psychology
- Research Methods
- Special Education
- Technology and Education

CLINICAL TRIALS

- Neural Mechanisms of Successful Intervention in Children With Dyslexia, Not Recruiting

Teaching

COURSES

2025-26

- Measuring Learning in the Brain: EDUC 464, NEPR 464, PSYCH 279, SYMSYS 195M (Aut)

2024-25

- Measuring Learning in the Brain: EDUC 464, NEPR 464, PSYCH 279, SYMSYS 195M (Aut)
- Topics in Cognition and Learning: The Science of Reading: EDUC 218 (Spr)

2023-24

- Measuring Learning in the Brain: EDUC 464, NEPR 464, PSYCH 279, SYMSYS 195M (Aut)

STANFORD ADVISEES

Doctoral Dissertation Reader (AC)

Anna Xu, Jewelia Yao

Postdoctoral Faculty Sponsor

Yuzhen Dong, Youngsun Moon, Carrie Townley-Flores, Maya Yablonski, Tongtong Zou

Doctoral Dissertation Advisor (AC)

Kruttika Bhat, Wanjing Anya Ma, Jamie Mitchell

Doctoral Dissertation Co-Advisor (AC)

Lijin Zhang

Doctoral (Program)

Kruttika Bhat, Howard Chiu, Mia Jimenez, Wanjing Anya Ma, Jamie Mitchell, Tonya Murray, Lijin Zhang

Publications

PUBLICATIONS

- **Highly replicable multisite patterns of adolescent white matter maturation.** *bioRxiv : the preprint server for biology*
  Meisler, S. L., Cieslak, M., Bagautdinova, J., Hendrickson, T. J., Pandhi, T., Chen, A. A., Hillman, N., Radhakrishnan, H., Salo, T., Feczko, E., Weldon, K. B., McCollum, R., Fayzullobekova, et al
  2026

- **Sulcal anatomy of ventral temporal cortex and reading development.** *bioRxiv : the preprint server for biology*
  Yao, J. K., Mitchell, J. L., Davison, A., Yeatman, J. D.
  2026

- **Similarities (and Differences) in the Learning Patterns of Single-Word Reading of an Alphabetic Orthography in Monolingual and Bilingual Primary School Children: A Cross-Sectional Study.** *Brain sciences*
  Smith, G., Bassoli, E., Ozturk, Y., Arteaga-Garcia, E., Ma, W. A., , , Yeatman, J. D., Mastrogiuseppe, M., Caffarra, S.
  2026; 16 (4)

- **Visual Word Form Area demonstrates individual and task-agnostic consistency but inter-individual variability.** *Developmental cognitive neuroscience*
  Mitchell, J. L., Jimenez, M., Stone, H. L., Yablonski, M., Yeatman, J. D.
  2026; 79: 101703

- **Two axes of white matter development.** *Nature communications*
  Luo, A. C., Meisler, S. L., Sydnor, V. J., Alexander-Bloch, A., Bagautdinova, J., Barch, D. M., Bassett, D. S., Davatzikos, C., Franco, A. R., Goldsmith, J., Gur, R. E., Gur, R. C., Hu, et al
  2026

- **Neonatal brain-age models in full- and preterm infants.** *bioRxiv : the preprint server for biology*
  Chiu, H., Richie-Halford, A. C., Lazarus, M. F., Rokem, A., Poblaciones, R. V., Marchman, V. A., Travis, K. E., Scala, M. L., Feldman, H. M., Yeatman, J. D.
  2026

- **The balance between stability and plasticity of the visual word form area in dyslexia.** *Nature communications*
  Mitchell, J. L., Yablonski, M., Stone, H. L., Jimenez, M., Takada, M. E., Tang, K. A., Tran, J. E., Chou, C., Yeatman, J. D.
  2025

- **The Virtuous Cycle between Education and Neuroscience** *MIND BRAIN AND EDUCATION*
  Yeatman, J. D., Yablonski, M.
  2025

- **A software ecosystem for brain tractometry processing, analysis, and insight.** *PLoS computational biology*
  Kruper, J., Richie-Halford, A., Qiao, J., Gilmore, A., Chang, K., Grotheer, M., Roy, E., Caffarra, S., Gomez, T., Chou, S., Cieslak, M., Koudoro, S., Garyfallidis, et al
  2025; 21 (8): e1013323

- **Visual Word Form Area demonstrates individual and task-agnostic consistency but inter-individual variability.** *bioRxiv : the preprint server for biology*
  Mitchell, J. L., Fuentes-Jimenez, M., Stone, H. L., Yablonski, M., Yeatman, J. D.
  2025

- **Design and validation of a rapid visual processing measure for screening reading difficulties in early childhood.** *Behavior research methods*
  Ramamurthy, M., Kanopka, K., Richie-Halford, A., Domingue, B. W., Pei, F., Bell, P., Yan, L., Hartsough, A., Gorno-Tempini, M. L., Yeatman, J. D.
  2025; 57 (9): 237

- **Development of the arcuate fasciculus is linked to learning gains in reading** *IMAGING NEUROSCIENCE*
  Roy, E., Harriott, E. M., Nguyen, T. Q., Richie-Halford, A., Rokem, A., Cutting, L. E., Yeatman, J. D.
  2025; 3

- **Development of the arcuate fasciculus is linked to learning gains in reading.** *Imaging neuroscience (Cambridge, Mass.)*

Roy, E., Harriott, E. M., Nguyen, T. Q., Richie-Halford, A., Rokem, A., Cutting, L. E., Yeatman, J. D.
2025; 3

- **Anatomically distinct regions in the inferior frontal cortex are modulated by task and reading skill.** *The Journal of neuroscience : the official journal of the Society for Neuroscience*
  Stone, H. L., Mitchell, J. L., Fuentes-Jimenez, M., Tran, J. E., Yeatman, J. D., Yablonski, M.
  2025
- **Two Axes of White Matter Development.** *bioRxiv : the preprint server for biology*
  Luo, A. C., Meisler, S. L., Sydnor, V. J., Alexander-Bloch, A., Bagautdinova, J., Barch, D. M., Bassett, D. S., Davatzikos, C., Franco, A. R., Goldsmith, J., Gur, R. E., Gur, R. C., Hu, et al
  2025
- **Assessing white matter plasticity in a randomized controlled trial of early literacy training in preschoolers.** *PloS one*
  Caffarra, S., Karipidis, I. I., Kruper, J., Kubota, E., Richie-Halford, A., Takada, M., Rokem, A., Yeatman, J. D.
  2025; 20 (3): e0309574
- **Fast and reliable quantitative measures of white matter development with magnetic resonance fingerprinting** *IMAGING NEUROSCIENCE*
  Yablonski, M., Zhou, Z., Cao, X., Schauman, S., Liao, C., Setsompop, K., Yeatman, J. D.
  2025; 3
- **Fast and reliable quantitative measures of white matter development with magnetic resonance fingerprinting.** *Imaging neuroscience (Cambridge, Mass.)*
  Yablonski, M., Zhou, Z., Cao, X., Schauman, S., Liao, C., Setsompop, K., Yeatman, J. D.
  2025; 3
- **Small or absent Visual Word Form Area is a trait of dyslexia.** *bioRxiv : the preprint server for biology*
  Mitchell, J. L., Yablonski, M., Stone, H. L., Fuentes-Jimenez, M., Takada, M. E., Tang, K. A., Tran, J. E., Chou, C., Yeatman, J. D.
  2025
- **ROAR-CAT: Rapid Online Assessment of Reading ability with Computerized Adaptive Testing.** *Behavior research methods*
  Ma, W. A., Richie-Halford, A., Burkhardt, A. K., Kanopka, K., Chou, C., Domingue, B. W., Yeatman, J. D.
  2025; 57 (1): 56
- **Development and validation of a rapid and precise online sentence reading efficiency assessment** *FRONTIERS IN EDUCATION*
  Yeatman, J. D., Tran, J. E., Burkhardt, A. K., Ma, W., Mitchell, J. L., Yablonski, M., Gijbels, L., Townley-Flores, C., Richie-Halford, A.
  2024; 9
- **Primate brain: A unique connection between dorsal and ventral visual cortex.** *Current biology : CB*
  Yeatman, J. D.
  2024; 34 (16): R779-R781
- **Audiovisual Speech Perception Benefits are Stable from Preschool through Adolescence.** *Multisensory research*
  Gijbels, L., Yeatman, J. D., Lalonde, K., Doering, P., Lee, A. K.
  2024: 1-24
- **Tractometry of the Human Connectome Project: resources and insights.** *Frontiers in neuroscience*
  Kruper, J., Hagen, M. P., Rheault, F., Crane, I., Gilmore, A., Narayan, M., Motwani, K., Lila, E., Rorden, C., Yeatman, J. D., Rokem, A.
  2024; 18: 1389680
- **Rapid online assessment of reading and phonological awareness (ROAR-PA).** *Scientific reports*
  Gijbels, L., Burkhardt, A., Ma, W. A., Yeatman, J. D.
  2024; 14 (1): 10249
- **Reading instruction causes changes in category-selective visual cortex.** *Brain research bulletin*
  Yeatman, J. D., McCloy, D. R., Caffarra, S., Clarke, M. D., Ender, S., Gijbels, L., Joo, S. J., Kubota, E. C., Kuhl, P. K., Larson, E., O'Brien, G., Peterson, E. R., Takada, et al
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- **Differences in educational opportunity predict white matter development.** *Developmental cognitive neuroscience*
  Roy, E., Van Rinsveld, A., Nedelec, P., Richie-Halford, A., Rauschecker, A. M., Sugrue, L. P., Rokem, A., McCandliss, B. D., Yeatman, J. D.

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- **Convolutional neural network-based classification of glaucoma using optic radiation tissue properties.** *Communications medicine*
  Kruper, J., Richie-Halford, A., Benson, N. C., Caffarra, S., Owen, J., Wu, Y., Egan, C., Lee, A. Y., Lee, C. S., Yeatman, J. D., Rokem, A.
  2024; 4 (1): 72

- **The transition from vision to language: Distinct patterns of functional connectivity for subregions of the visual word form area.** *Human brain mapping*
  Yablonski, M., Karipidis, I. I., Kubota, E., Yeatman, J. D.
  2024; 45 (4): e26655

- **White matter and literacy: A dynamic system in flux.** *Developmental cognitive neuroscience*
  Roy, E., Richie-Halford, A., Kruper, J., Narayan, M., Bloom, D., Nedelec, P., Rauschecker, A. M., Sugrue, L. P., Brown, T. T., Jernigan, T. L., McCandliss, B. D., Rokem, A., Yeatman, et al
  2024; 65: 101341

- **Development of the alpha rhythm is linked to visual white matter pathways and visual detection performance.** *The Journal of neuroscience : the official journal of the Society for Neuroscience*
  Caffarra, S., Kanopka, K., Kruper, J., Richie-Halford, A., Roy, E., Rokem, A., Yeatman, J. D.
  2023

- **Rapid Online Assessment of Reading (ROAR): Evaluation of an Online Tool for Screening Reading Skills in a Developmental-Behavioral Pediatrics Clinic.** *Journal of developmental and behavioral pediatrics : JDBP*
  Barrington, E., Sarkisian, S. M., Feldman, H. M., Yeatman, J. D.
  2023; 44 (9): e604-e610

- **Contributed Session I: Specific and non-linear effects of glaucoma on optic radiation tissue properties.** *Journal of vision*
  Kruper, J., Richie-Halford, A., Benson, N., Caffarra, S., Owen, J., Wu, Y., Lee, A., Lee, C., Yeatman, J., Rokem, A.
  2023; 23 (15): 73

- **Children with dyslexia show no deficit in exogenous spatial attention but show differences in visual encoding.** *Developmental science*
  Ramamurthy, M., White, A. L., Yeatman, J. D.
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- **Understanding the interplay between executive functions and reading development: A challenge for researchers and practitioners alike.** *Mind, brain and education : the official journal of the International Mind, Brain, and Education Society*
  Yeatman, J. D.
  2023; 17 (4): 334-337

- **Understanding the Interplay Between Executive Functions and Reading Development: A Challenge for Researchers and Practitioners Alike** *MIND BRAIN AND EDUCATION*
  Yeatman, J. D.
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- **Human white matter myelinates faster in utero than ex utero.** *Proceedings of the National Academy of Sciences of the United States of America*
  Grotheer, M., Bloom, D., Kruper, J., Richie-Halford, A., Zika, S., Aguilera Gonzalez, V. A., Yeatman, J. D., Grill-Spector, K., Rokem, A.
  2023; 120 (33): e2303491120

- **Children with developmental dyslexia have equivalent audiovisual speech perception performance but their perceptual weights differ.** *Developmental science*
  Gijbels, L., Lee, A. K., Yeatman, J. D.
  2023: e13431

- **Author Correction: An analysis-ready and quality controlled resource for pediatric brain white-matter research.** *Scientific data*
  Richie-Halford, A., Cieslak, M., Ai, L., Caffarra, S., Covitz, S., Franco, A. R., Karipidis, I. I., Kruper, J., Milham, M., Avelar-Pereira, B., Roy, E., Sydnor, V. J., Yeatman, et al
  2023; 10 (1): 247

- **The transition from vision to language: distinct patterns of functional connectivity for sub-regions of the visual word form area.** *bioRxiv : the preprint server for biology*
  Yablonski, M., Karipidis, I. I., Kubota, E., Yeatman, J. D.

2023

- **Optic radiations representing different eccentricities age differently.** *Human brain mapping*
  Kruper, J., Benson, N. C., Caffarra, S., Owen, J., Wu, Y., Lee, A. Y., Lee, C. S., Yeatman, J. D., Rokem, A., UK Biobank Eye and Vision Consortium
  2023

- **Engaging in word recognition elicits highly specific modulations in visual cortex.** *Current biology : CB*
  White, A. L., Kay, K. N., Tang, K. A., Yeatman, J. D.
  2023

- **Author Correction: An analysis-ready and quality controlled resource for pediatric brain white-matter research.** *Scientific data*
  Richie-Halford, A., Cieslak, M., Ai, L., Caffarra, S., Covitz, S., Franco, A. R., Karipidis, I. I., Kruper, J., Milham, M., Avelar-Pereira, B., Roy, E., Sydnor, V. J., Yeatman, et al
  2022; 9 (1): 709

- **Publisher Correction: An analysis-ready and quality controlled resource for pediatric brain white-matter research.** *Scientific data*
  Richie-Halford, A., Cieslak, M., Ai, L., Caffarra, S., Covitz, S., Franco, A. R., Karipidis, I. I., Kruper, J., Milham, M., Avelar-Pereira, B., Roy, E., Sydnor, V. J., Yeatman, et al
  2022; 9 (1): 665

- **An analysis-ready and quality controlled resource for pediatric brain white-matter research.** *Scientific data*
  Richie-Halford, A., Cieslak, M., Ai, L., Caffarra, S., Covitz, S., Franco, A. R., Karipidis, I. I., Kruper, J., Milham, M., Avelar-Pereira, B., Roy, E., Sydnor, V. J., Yeatman, et al
  2022; 9 (1): 616

- **The Effect of COVID on Oral Reading Fluency During the 2020-2021 Academic Year** *AERA OPEN*
  Domingue, B. W., Dell, M., Lang, D., Silverman, R., Yeatman, J., Hough, H.
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- **Speed-Accuracy Trade-Off? Not So Fast: Marginal Changes in Speed Have Inconsistent Relationships With Accuracy in Real-World Settings** *JOURNAL OF EDUCATIONAL AND BEHAVIORAL STATISTICS*
  Domingue, B. W., Kanopka, K., Stenhaug, B., Sulik, M. J., Beverly, T., Brinkhuis, M., Circi, R., Faul, J., Liao, D., McCandliss, B., Obradovic, J., Piech, C., Porter, et al
  2022

- **White matter myelination during early infancy is linked to spatial gradients and myelin content at birth.** *Nature communications*
  Grotheer, M., Rosenke, M., Wu, H., Kular, H., Querdasi, F. R., Natu, V. S., Yeatman, J. D., Grill-Spector, K.
  2022; 13 (1): 997

- **Can an Online Reading Camp Teach 5-Year-Old Children to Read?** *Frontiers in human neuroscience*
  Weiss, Y., Yeatman, J. D., Ender, S., Gijbels, L., Loop, H., Mizrahi, J. C., Woo, B. Y., Kuhl, P. K.
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- **Spatial attention in encoding letter combinations.** *Scientific reports*
  Ramamurthy, M., White, A. L., Chou, C., Yeatman, J. D.
  1800; 11 (1): 24179

- **Anatomy and physiology of word-selective visual cortex: from visual features to lexical processing.** *Brain structure & function*
  Caffarra, S., Karipidis, I. I., Yablonski, M., Yeatman, J. D.
  2021

- **Development of the visual white matter pathways mediates development of electrophysiological responses in visual cortex.** *Human brain mapping*
  Caffarra, S., Joo, S. J., Bloom, D., Kruper, J., Rokem, A., Yeatman, J. D.
  2021

- **Neurobiological underpinnings of rapid white matter plasticity during intensive reading instruction.** *NeuroImage*
  Huber, E., Mezer, A., Yeatman, J. D.
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- **QSIPrep: an integrative platform for preprocessing and reconstructing diffusion MRI data.** *Nature methods*

Cieslak, M., Cook, P. A., He, X., Yeh, F., Dhollander, T., Adebimpe, A., Aguirre, G. K., Bassett, D. S., Betzel, R. F., Bourque, J., Cabral, L. M., Davatzikos, C., Detre, et al
2021

- **Rapid online assessment of reading ability.** *Scientific reports*
  Yeatman, J. D., Tang, K. A., Donnelly, P. M., Yablonski, M., Ramamurthy, M., Karipidis, I. I., Caffarra, S., Takada, M. E., Kanopka, K., Ben-Shachar, M., Domingue, B. W.
  2021; 11 (1): 6396
- **Automaticity in the reading circuitry.** *Brain and language*
  Joo, S. J., Tavabi, K., Caffarra, S., Yeatman, J. D.
  2021; 214: 104906
- **Audiovisual Speech Processing in Relationship to Phonological and Vocabulary Skills in First Graders.** *Journal of speech, language, and hearing research : JSLHR*
  Gijbels, L., Yeatman, J. D., Lalonde, K., Lee, A. K.
  2021: 1-19
- **Multidimensional analysis and detection of informative features in human brain white matter.** *PLoS computational biology*
  Richie-Halford, A., Yeatman, J., Simon, N., Rokem, A.
  2021; 17 (6): e1009136
- **Reading: The Confluence of Vision and Language.** *Annual review of vision science*
  Yeatman, J. D., White, A. L.
  2021
- **Groupyr: Sparse Group Lasso in Python.** *Journal of open source software*
  Richie-Halford, A., Narayan, M., Simon, N., Yeatman, J., Rokem, A.
  2021; 6 (58)
- **Diffusional Kurtosis Imaging in the Diffusion Imaging in Python Project.** *Frontiers in human neuroscience*
  Henriques, R. N., Correia, M. M., Marrale, M., Huber, E., Kruper, J., Koudoro, S., Yeatman, J. D., Garyfallidis, E., Rokem, A.
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- **Evaluating the Reliability of Human Brain White Matter Tractometry.** *Aperture neuro*
  Kruper, J., Yeatman, J. D., Richie-Halford, A., Bloom, D., Grotheer, M., Caffarra, S., Kiar, G., Karipidis, I. I., Roy, E., Chandio, B. Q., Garyfallidis, E., Rokem, A.
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- **White matter fascicles and cortical microstructure predict reading-related responses in human ventral temporal cortex.** *NeuroImage*
  Grotheer, M., Yeatman, J., Grill-Spector, K.
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- **Bridging sensory and language theories of dyslexia: towards a multifactorial model.** *Developmental science*
  O'Brien, G., Yeatman, J.
  2020: e13039
- **Context effects on phoneme categorization in children with dyslexia.** *The Journal of the Acoustical Society of America*
  O'Brien, G. E., Gijbels, L., Yeatman, J. D.
  2020; 148 (4): 2209
- **Controlling for Participants' Viewing Distance in Large-Scale, Psychophysical Online Experiments Using a Virtual Chinrest.** *Scientific reports*
  Li, Q., Joo, S. J., Yeatman, J. D., Reinecke, K.
  2020; 10 (1): 904
- **Annotating digital text with phonemic cues to support decoding in struggling readers.** *PloS one*
  Donnelly, P. M., Larson, K., Matskewich, T., Yeatman, J. D.
  2020; 15 (12): e0243435
- **Evaluating arcuate fasciculus laterality measurements across dataset and tractography pipelines** *HUMAN BRAIN MAPPING*

Bain, J. S., Yeatman, J. D., Schurr, R., Rokem, A., Mezer, A. A.
2019; 40 (13): 3695–3711

- **The link between reading ability and visual spatial attention across development.** *Cortex; a journal devoted to the study of the nervous system and behavior*
  White, A. L., Boynton, G. M., Yeatman, J. D.
  2019; 121: 44–59
- **Intensive Summer Intervention Drives Linear Growth of Reading Skill in Struggling Readers** *FRONTIERS IN PSYCHOLOGY*
  Donnelly, P. M., Huber, E., Yeatman, J. D.
  2019; 10
- **Intensive Summer Intervention Drives Linear Growth of Reading Skill in Struggling Readers.** *Frontiers in psychology*
  Donnelly, P. M., Huber, E., Yeatman, J. D.
  2019; 10: 1900
- **You Can't Recognize Two Words Simultaneously.** *Trends in cognitive sciences*
  White, A. L., Boynton, G. M., Yeatman, J. D.
  2019
- **Categorical phoneme labeling in children with dyslexia does not depend on stimulus duration** *JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA*
  O'Brien, G. E., McCloy, D. R., Yeatman, J. D.
  2019; 146 (1): 245–55
- **Parallel spatial channels converge at a bottleneck in anterior word-selective cortex** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  White, A. L., Palmer, J., Boynton, G. M., Yeatman, J. D.
  2019; 116 (20): 10087–96
- **Combining Citizen Science and Deep Learning to Amplify Expertise in Neuroimaging** *FRONTIERS IN NEUROINFORMATICS*
  Keshavan, A., Yeatman, J. D., Rokem, A.
  2019; 13: 29
- **Applying microstructural models to understand the role of white matter in cognitive development**
  Huber, E., Henriques, R., Owen, J. P., Rokem, A., Yeatman, J. D.
  ELSEVIER SCI LTD.2019: 100624
- **Word selectivity in high-level visual cortex and reading skill**
  Kubota, E. C., Joo, S., Huber, E., Yeatman, J. D.
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- **Reading ability and phoneme categorization** *SCIENTIFIC REPORTS*
  O'Brien, G. E., McCloy, D. R., Kubota, E. C., Yeatman, J. D.
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- **Evaluating g-ratio weighted changes in the corpus callosum as a function of age and sex**
  Berman, S., West, K. L., Does, M. D., Yeatman, J. D., Mezer, A. A.
  ACADEMIC PRESS INC ELSEVIER SCIENCE.2018: 304–13
- **Tractography optimization using quantitative T1 mapping in the human optic radiation** *NEUROIMAGE*
  Schurr, R., Duan, Y., Norcia, A. M., Ogawa, S., Yeatman, J. D., Mezer, A. A.
  2018; 181: 645–58
- **Rapid and widespread white matter plasticity during an intensive reading intervention** *NATURE COMMUNICATIONS*
  Huber, E., Donnelly, P. M., Rokem, A., Yeatman, J. D.
  2018; 9: 2260
- **Optimizing text for an individual's visual system: The contribution of visual crowding to reading difficulties** *CORTEX*
  Joo, S., White, A. L., Strodtman, D. J., Yeatman, J. D.
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- **A browser-based tool for visualization and analysis of diffusion MRI data** *NATURE COMMUNICATIONS*
  Yeatman, J. D., Richie-Halford, A., Smith, J. K., Keshavan, A., Rokem, A.
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- **The challenge of mapping the human connectome based on diffusion tractography** *NATURE COMMUNICATIONS*
  Maier-Hein, K. H., Neher, P. F., Houde, J., Cote, M., Garyfallidis, E., Zhong, J., Chamberland, M., Yeh, F., Lin, Y., Ji, Q., Reddick, W. E., Glass, J. O., Chen, et al
  2017; 8: 1349
- **The causal relationship between dyslexia and motion perception reconsidered** *SCIENTIFIC REPORTS*
  Joo, S., Donnelly, P. M., Yeatman, J. D.
  2017; 7: 4185
- **Bottom-up and top-down computations in word-and face-selective cortex** *ELIFE*
  Kay, K. N., Yeatman, J. D.
  2017; 6
- **The corticospinal tract profile in amyotrophic lateral sclerosis** *HUMAN BRAIN MAPPING*
  Sarica, A., Cerasa, A., Valentino, P., Yeatman, J., Trotta, M., Barone, S., Granata, A., Nistico, R., Perrotta, P., Pucci, F., Quattrone, A.
  2017; 38 (2): 727–39
- **A fully computable model of stimulus-driven and top-down effects in high-level visual cortex**
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