

DON ROJAS

Curriculum Vitae

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Personal Data

Birthdate 03.05.1968

Nationality United States

Address 6125 Gannet Drive
Timnath, CO 80547

Research Interests

Topics *autism, fragile x syndrome, schizophrenia, bipolar disorder, auditory system, motor system, GABA, glutamate, development*

Techniques *magnetoencephalography, electroencephalography, magnetic resonance imaging, functional MRI, proton magnetic resonance spectroscopy, functional near infrared spectroscopy*

Education and Training

1995–1996 **Postdoctoral Fellow**, *Department of Psychiatry, University of Colorado Anschutz Medical Center, Denver, CO*

Training in psychoses, neurodevelopmental disorders and functional neuroimaging

1995 **Ph.D. Experimental Psychology (Behavioral and Cognitive Neuroscience Specialization)**, *Colorado State University, Fort Collins, CO*

Dissertation: Alternating and Divided Attention

1992 **M.S. Experimental Psychology**, *Colorado State University, Fort Collins, CO*

Thesis: Stroop Neuropsychological Screening Test in Mild Traumatic Brain Injury

1990 **B.S. Psychology**, *Colorado State University*

Minors: Criminal Justice and Sociology

Employment History

since 2016 **Department Chair**, *Department of Psychology, Colorado State University, Fort Collins*

since 2015 **Professor of Psychology**, *Department of Psychology, Colorado State University, Fort Collins*

2013–2015 **Associate Professor of Psychology, with Tenure**, *Department of Psychology, Colorado State University, Fort Collins*

- since 2013 **Faculty Member**, *Cellular, Molecular and Integrative Neurosciences Program, Colorado State University, Fort Collins*
- 2012–2014 **Director**, *Neurobehavioral Disorders Division, Department of Psychiatry, University of Colorado Anschutz Medical Center, Denver*
- 2010–2014 **Scientific Staff**, *Colorado Translational Research Imaging Center, University of Colorado Anschutz Medical Center, Denver*
- 2008–2014 **Director**, *Magnetoencephalography Laboratory and Neuromagnetic Imaging Center, University of Colorado Anschutz Medical Center, Denver*
- 2004–2014 **Associate Professor**, *Department of Psychiatry, University of Colorado Anschutz Medical Center, Denver*
- 2007–2014 **Faculty Member**, *Neuroscience Program, University of Colorado Anschutz Medical Center, Denver*
- 1997–2004 **Assistant Professor**, *Department of Psychiatry, University of Colorado Anschutz Medical Center, Denver*
- 1996–1997 **Instructor/Research Fellow**, *Department of Psychiatry, University of Colorado Anschutz Medical Center, Denver*
- 1993–2002 **Instructor**, *School of Education, University of Denver, Denver*

Adjunct Faculty Appointments

- since 2014 Department of Psychiatry *University of Colorado Anschutz Medical Campus*
- since 2004 Department of Engineering and Computer Science *Bioengineering and Bioinformatics Program, University of Denver*
- since 1997 Department of Psychology *Developmental Cognitive Neuroscience Program, University of Denver*

Teaching

Colorado State University, Fort Collins, CO

- 2015–2023 Graduate seminar *Current Issues in Clinical and Cognitive Neuroscience*
- 2021 Undergraduate seminar *Neurobiology Senior Seminar*
- 2017 Graduate seminar *Spectral Analysis of Human Electrophysiological Data*
- 2014–2016 Graduate seminar *Advanced Methods of Cognitive Neuroscience*
- 2014–2015 Undergraduate lecture *Cognitive Neuroscience*
- 2013–2015 Undergraduate honors seminar *Current Topics in Psychology*
- 1991–1995 Undergraduate laboratory *Human Research Biopsychology*
- 1994–1995 Undergraduate laboratory *Animal Research Biopsychology*
- 1994 Undergraduate recitation *Anatomy and Physiology*
- 1993–1995 Undergraduate lecture *Physiological Psychology*

University of Colorado Anschutz Medical Center, Aurora, CO

- 2004–2013 Graduate lecture team-taught *Genetics of Intellectual Disability*

2006–2013	Graduate lecture team-taught	<i>Molecular Basis of Neuropsychiatric Disorders</i>
2003–2009	Undergraduate short course	<i>Introduction to Neuroimaging</i>
2003–2009	Medical student seminar	<i>Introduction to Human Behavior</i>
1997–2006	Medical resident lecture team-taught	<i>Neuroscience</i>
	University of Denver, Denver, CO	
1996–2002	Graduate lecture	<i>Neuropsychological Assessment</i>
1995–2002	Graduate lecture	<i>Behavioral Neurology</i>
	South China Normal University, Guangzhou, China	
2016	Graduate lecture	<i>Spectral Analysis Methods for MEG and EEG</i>

Awards

2016–2019	International Laboratory Exchange Fellowship	<i>South China Normal University, Guangdong Province</i>
2009	Independent Investigator Award	<i>National Alliance for Research on Schizophrenia and Depression</i>
1999	Junior Faculty Research Development Award	<i>Department of Psychiatry, UC Anschutz Medical School</i>
1997	Young Investigator Award	<i>International Congress for Schizophrenia Research</i>
1997	Young Investigator Award	<i>National Alliance for Research on Schizophrenia and Depression</i>
1996	Postdoctoral Travel Award	<i>International Biomagnetism Conference – BIOMAG96, Santa Fe</i>
1995–1997	Postdoctoral Fellowship	<i>National Institute of Mental Health</i>
1991–1992	Graduate Full Scholarship	<i>Colorado State University</i>

Mentoring

Postdoctoral and higher

2017–2018	Garrett Cardon, Ph.D.	<i>currently Assistant Professor, Department of Speech and Language Sciences, Brigham Young University</i>
2015–2019	Kevin Jones, Ph.D.	<i>currently Postdoctoral Fellow, Department of Neurology, University of California San Francisco</i>
2012–2015	Lisa Wilson, Ph.D.	<i>currently Marie Curie EU Fellow, Basque Center on Cognition, Brain and Language, San Sebastian, Spain</i>
2010–2014	Isabelle Buard, Ph.D.	<i>Autism Speaks Postdoctoral Fellowship awardee, currently Assistant Professor Department of Neurology, University of Colorado Anschutz Medical Center</i>
2010–2012	Kristina McFadden, Ph.D.	<i>currently Assistant Professor, Department of Psychiatry, University of Colorado Anschutz Medical Center</i>
2009–2013	Benzi Kluger, M.D.	<i>NIH K02 awardee, currently Julius, Helen and Robert Fine Distinguished Professor, Department of Neurology, University of Rochester Medical Center</i>

- 2005–2007 Tony Wilson, Ph.D. *currently Patrick Brookhouser Endowed Chair of Cognitive Neuroscience, Boys Town National Research Hospital*
- 2004–2006 Eric Peterson, Ph.D. *currently Professor, Department of Psychology, University of Northern Colorado*
- 2003–2004 Keeran Maharajh, Ph.D. *currently Research Scholar, Department of Psychiatry, University of Colorado Anschutz Medical Center*

Predoctoral

- since 2019 Raana Messerschmit, M.S. *Department of Psychology, Colorado State University*
- 2017–2018 Robert Torrence, Ph.D. *Department of Psychology, Colorado State University, currently Research Scientist, ThinkAlike Laboratories, LLC*
- since 2015 Matt Mathison, M.S. *Department of Psychology, Colorado State University, currently inactive ABD, Data Scientist, E-Source*
- 2014–2020 Katherine Becker, Ph.D. *Department of Psychology, Colorado State University*
- 2007–2012 Lisa Wilson, Ph.D. *Neuroscience Program, University of Colorado Anschutz Medical Center, recipient of Autism Speaks Weatherstone Predoctoral Fellowship, see postdoctoral and higher section*

Medical Residents

- 2008–2013 Milind Gadgil, M.D. *Department of Psychiatry, University of Colorado Anschutz Medical Center, currently Child Psychiatrist, Kaiser Permanente*
- 2007–2012 Gautam Rajendran, M.D. *Department of Psychiatry, University of Colorado Anschutz Medical Center, currently Child Psychiatrist, Children's Hospital of Colorado*
- 2004–2005 Benzi Kluger, M.D. *Department of Neurology, University of Colorado Anschutz Medical Center, currently Assistant Professor, Children's Hospital of Colorado*

Medical Students

- 2011–2014 Tom Ragole, M.D. *Psychiatry Scholars Program, University of Colorado Anschutz Medical Center*
- 2007–2012 Steven Simon, M.D. *Psychiatry Scholars Program, University of Colorado Anschutz Medical Center*

Undergraduate Honors Students

- 2014 Lauren Hartsough *University Honors Program, Colorado State University*
- since 2014 Chandler Lockwood *University Honors Program, Colorado State University*
- 2013–present Carly Hamm *University Honors Program, Colorado State University*

Thesis Committee Service

- since 2015 Brittany Davis *Thesis committee, Animal Science, Colorado State University*
- since 2015 Shane Kentopp *Thesis committee, Psychology, Colorado State University*
- since 2014 Maia Nguyen *Doctoral committee, Psychology, Colorado State University*
- since 2014 Kyle Rasmussen *Thesis committee, Public Communication, Colorado State University*
- since 2014 Abhijith Vasista *Thesis committee, Engineering, Colorado State University*
- since 2014 Tomojit Ghosh *Thesis committee, Computer Science, Colorado State University*

- 2013–2015 Elizabeth Heinrichs-Graham *Doctoral committee, Neuroscience, University of Nebraska Medical Center*
- 2012–2014 Jason Smucny *Doctoral committee, Neuroscience, University of Colorado Anschutz Medical Center*
- 2008–2011 Heath Ledger *Doctoral committee, Neuroscience, University of Colorado Anschutz Medical Center*
- 2003–2005 Erin Phinney *Doctoral committee, Psychology, University of Denver*
- 1998–1999 Jennifer Churchwell *Doctoral committee, Psychology, University of Denver*

Grants

- 2020–2024 **Co-Investigator**, *An Adaptive Testing Platform for Optimizing RDoC Experimental Cognitive Measures*, National Institute of Mental Health R01 MH121546-01A1, PI: M. Thomas
Direct Costs: \$2,569,176
- 2019–2020 **Co-Investigator**, *Functional and structural changes with testosterone supplementation*, Alzheimer’s Association, PI: V. Pelak
Direct Costs: \$31,680
- 2018–2021 **Mentor**, *Neurophysiological and Behavioral Correlates of Sensory and Communication Dysfunction in Children with Autism Spectrum Disorder*, National Institute of Deafness and Communication Disorders K01-DC016339-01A1, PI: G. Cardon
Direct Costs: \$135,588
- 2016–2021 **Co-Investigator**, *Nicotinic agonist effects on BMI and neuronal response in overweight/obese adults*, National Institute of Diabetes and Digestive and Kidney Diseases R01-DK103691, PI: J. Tregellas
Sub-Award Direct Costs: \$76,621
- 2014–2015 **Co-PI**, *Using near infrared spectroscopy to assess sensation seeking and impulsivity*, Colorado Clinical Translational Sciences Institute, Co-PI: B. Conner
Direct Costs: \$25,000
- 2013–2017 **Co-Investigator**, *Early childhood perception, cognitive control and neural correlates*, National Institute of Mental Health R01-MH101295-01A1, PI: R. Ross
Direct Costs: \$1,596,000
- 2013–2015 **Co-Investigator**, *An MEG investigation of neural biomarkers and language in nonverbal children with autism spectrum disorders*, Department of Defense U.S. Army Medical Research and Material Command, Congressionally Directed Medical Research Autism Research Program AR120207, PI: K. McFadden
Direct Costs: \$100,000
- 2012–2016 **Co-Investigator**, *Adolescents with substance and conduct problems: Imaging callous-unemotionality*, National Institute of Drug Abuse R01-DA031761-01A1, PI: J. Sakai
Direct Costs: \$864,000

- 2012–2013 **Principal Investigator**, *GABA and glutamate spectroscopy neurotransmitter biomarkers in autism*, National Institute of Mental Health R01-MH082820-03S1
Direct Costs: \$65,239
- 2012–2014 **Mentor**, *Multimodal imaging of motor dysfunction in autism spectrum disorders*, Autism Speaks Translational Post-Doctoral Fellowship, PI: I. Buard
Direct Costs: \$114,000
- 2010–2013 **Co-Investigator**, *The neurophysiology of central fatigue*, Department of Defense U.S. Army Medical Research Program, PI: B. Kluger
Direct Costs: \$325,000
- 2009–2013 **Principal Investigator**, *Neuronal synchronization deficits in autism*, National Institute of Mental Health R01-MH082820
Direct Costs: \$1,000,000
- 2009–2014 **Principal Investigator**, *Sensorimotor abnormalities in childhood-onset psychotic disorders*, National Institute of Mental Health R01-MH081920
Direct Costs: \$1,250,000
- 2008–2014 **Co-Investigator**, *fMRI of cholinergic dysfunction in schizophrenia*, U.S. Department of Veterans Affairs, PI: J. Tregellas
Direct Costs: \$520,000

Professional Memberships

- Organization for Human Brain Mapping, *Member*
- International Society for Autism Research, *Member*
- Society for Neuroscience, *Member*
- American Psychological Society, *Member*
- Developmental Psychobiology Research Group, *Member*
- Front Range Neuroscience Group, *Member*
- Flux Society, *Member*
- Nu Rho Psi, *Fellow*

Journal Editing and Reviewing

Reviewer American Journal of Neuroradiology; American Journal of Psychiatry; Archives of General Psychiatry; Autism Research; Biological Psychiatry; Brain Connectivity; Brain Imaging and Behavior; British Journal of Psychiatry; Cerebral Cortex; Cognitive, Affective and Behavioral Neuroscience; Clinical Neurophysiology; Experimental Brain Research; Frontiers in Neuroscience; Human Brain Mapping; IEEE Transactions on Biomedical Engineering; Journal of Autism and Developmental Disorders; Journal of Child Psychology and Psychiatry; Journal of Cognitive Neuroscience; Journal of Magnetic Resonance Imaging; Journal of Neurology, Neurosurgery and Psychiatry; Journal of Neuropsychiatry and Clinical Neuroscience; Journal of Neuroscience; Journal of Neurophysiology; Journal of the American Academy of Child and Adolescent Psychiatry; Mental Retardation and Developmental Disabilities Research Reviews; Neurobiology of Disease; Neuroimage; Neuroimage Clinical; Neurology; Neuropsychologia; Neuropsychopharmacology; Neuro-Psychopharmacology and Biological Psychiatry; Neuroscience Letters; Neurosignals; PeerJ; PLoS One; Psychiatry Research: Neuroimaging; Psychophysiology; Schizophrenia Bulletin; Schizophrenia Research

Editorial Boards Journal of Autism and Developmental Disabilities, PeerJ, Hindawi Psychiatry Journal

Programming/Computer Skills

Coding Matlab, C/C++, Visual Basic, Python, Julia, R, shell scripting
Markup $\text{T}_\text{E}\text{X}$, $\text{L}\text{A}\text{T}_\text{E}\text{X}$, Markdown
Platforms Linux, Mac, Windows
Databases MySQL, Access
Tools SPSS, Wordpress, E-Prime, Presentation, MS Office, Arduino, Git/Github

Publications

Peer Reviewed Journal Articles

- 2022 Simon, O. B., **Rojas**, D. C., Ghosh, D., Yang, X., Rogers, S. E., Martin, C. S., Holden, S. K., Kluger, B. M., & Buard, I. (2022). Profiling parkinson's disease cognitive phenotypes via resting-state magnetoencephalography. *Journal of neurophysiology*, *127*(1), 279–289.
- 2021 Simon, O. B., Buard, I., **Rojas**, D. C., Holden, S. K., Kluger, B. M., & Ghosh, D. (2021). A novel approach to understanding parkinsonian cognitive decline using minimum spanning trees, edge cutting, and magnetoencephalography. *Scientific Reports*, *11*(1), 19704.
- Torrence, R. D., Troup, L. J., **Rojas**, D. C., & Carlson, J. M. (2021). Enhanced contralateral theta oscillations and n170 amplitudes in occipitotemporal scalp regions underlie attentional bias to fearful faces. *International Journal of Psychophysiology*, *165*, 84–91.
- Wu, C., Liang, F., Liang, X., Huang, C., Wang, H., He, X., Zhang, W., **Rojas**, D., & Duan, Y. (2021). Spacious environments make us tolerant—the role of emotion and metaphor. *International Journal of Environmental Research and Public Health*, *18*(19), 10530.

- 2020 Becker, K. M., & **Rojas**, D. C. (2020). Prosodic influence in face emotion perception: Evidence from functional near-infrared spectroscopy. *Scientific Reports*, *10*(1), 14345.
- Jones, K. T., Johnson, E. L., Tauxe, Z. S., & **Rojas**, D. C. (2020). Modulation of auditory gamma-band responses using transcranial electrical stimulation. *Journal of Neurophysiology*, *123*(6), 2504–2514.
- 2019 Buard, I., Dewispelaere, W. B., Teale, P., **Rojas**, D. C., Kronberg, E., Thaut, M. H., & Kluger, B. M. (2019). Auditory entrainment of motor responses in older adults with and without parkinson's disease: An MEG study. *Neuroscience Letters*, *708*, 134331.
- Torrence, R. D., **Rojas**, D. C., & Troup, L. J. (2019). Awareness of emotional expressions in cannabis users: An event-related potential study. *Frontiers in Psychology*, *10*, 69.
- 2018 Buard, I., Kronberg, E., Steinmetz, S., Hepburn, S., & **Rojas**, D. (2018). Neuromagnetic beta-band oscillations during motor imitation in youth with autism. *Autism Research and Treatment*, *2018*.
- Torrence, R., Troup, L., **Rojas**, D., & Carlson, J. (2018). Posterior-contralateral theta oscillations and n170 amplitudes in attentional bias to fearful faces. *Neuroscience 2018:" Neuroscience 2018"*.
- Torrence, R. D., **Rojas**, D. C., & Troup, L. J. (2018). Residual effects of cannabis use on attentional bias towards fearful faces. *Neuropsychologia*, *119*, 482–488.
- Torrence, R. D., Troup, L. J., & **Rojas**, D. C. (2018). Attentional bias toward fearful facial expressions: EEG correlates in theta oscillations. *Cognitive Neuroscience Society 25th Annual Meeting*.
- Tregellas, J. R., Smucny, J., **Rojas**, D. C., & Legget, K. T. (2018). Predicting academic career outcomes by predoctoral publication record. *PeerJ*, *6*, e5707.
- 2017 Becker, K. M., **Rojas**, D. C., Davies, P., Troup, L. J., et al. (2017). Prosodic influence in face emotion perception: Evidence from behavioral measures and functional near-infrared spectroscopy.
- Cardon, G. J., Hepburn, S., & **Rojas**, D. C. (2017). Structural covariance of sensory networks, the cerebellum, and amygdala in autism spectrum disorder. *Frontiers in neurology*, *8*, 615.
- Legget, K. T., Hild, A. K., Steinmetz, S. E., Simon, S. T., & **Rojas**, D. C. (2017). MEG and EEG demonstrate similar test-retest reliability of the 40 hz auditory steady-state response. *International Journal of Psychophysiology*, *114*, 16–23.
- Sakai, J. T., Dalwani, M. S., Mikulich-Gilbertson, S. K., Raymond, K., McWilliams, S., Tanabe, J., **Rojas**, D., Regner, M., Banich, M. T., & Crowley, T. J. (2017). Imaging decision about whether to benefit self by harming others: Adolescents with conduct and substance problems, with or without callous-unemotionality, or developing typically. *Psychiatry Research: Neuroimaging*, *263*, 103–112.
- 2016 Smucny, J., Olincy, A., **Rojas**, D. C., & Tregellas, J. R. (2016). Neuronal effects of nicotine during auditory selective attention in schizophrenia. *Human brain mapping*, *37*(1), 410–421.
- 2015 Legget, K. T., Cornier, M.-A., **Rojas**, D. C., Lawful, B., & Tregellas, J. R. (2015). Harnessing the power of disgust: A randomized trial to reduce high-calorie food appeal through implicit priming. *The American journal of clinical nutrition*, *102*(2), 249–255.

- Rojas, D. C., Becker, K. M., & Wilson, L. B. (2015).** Magnetic resonance spectroscopy studies of glutamate and gaba in autism: Implications for excitation-inhibition imbalance theory. *Current Developmental Disorders Reports*, *2*, 46–57.
- Webb, S. J., Bernier, R., Henderson, H. A., Johnson, M. H., Jones, E. J., Lerner, M. D., McPartland, J. C., Nelson, C. A., **Rojas, D. C.**, Townsend, J., et al. (2015). Guidelines and best practices for electrophysiological data collection, analysis and reporting in autism. *Journal of autism and developmental disorders*, *45*, 425–443.
- 2014 McFadden, K. L., Steinmetz, S. E., Carroll, A. M., Simon, S. T., Wallace, A., & **Rojas, D. C.** (2014). Test-Retest Reliability of the 40 Hz EEG Auditory Steady-State Response. *PLoS One*, *9*(1), e85748. <https://doi.org/10.1371/journal.pone.0085748.s002>
- Rojas, D. C. (2014b).** The role of glutamate and its receptors in autism and the use of glutamate receptor antagonists in treatment. *Journal of Neural Transmission*. <https://doi.org/10.1007/s00702-014-1216-0>
- Rojas, D. C., Becker, K. M., & Wilson, L. B. (2014).** Magnetic Resonance Spectroscopy Studies of Glutamate and GABA in Autism: Implications for Excitation-Inhibition Imbalance Theory. *Current Developmental Disorders Reports*. <https://doi.org/10.1007/s40474-014-0032-4>
- Rojas, D. C., Singel, D., Steinmetz, S., Hepburn, S., & Brown, M. S. (2014).** Decreased left perisylvian GABA concentration in children with autism and unaffected siblings. *NeuroImage*, *86*, 28–34. <https://doi.org/10.1016/j.neuroimage.2013.01.045>
- Rojas, D. C., & Wilson, L. B. (2014).** γ -band abnormalities as markers of autism spectrum disorders. *Biomarkers in medicine*, *8*(3), 353–368. <https://doi.org/10.2217/bmm.14.15>
- Wylie, K., **Rojas, D.**, Ross, R., Hunter, S., Maharajh, K., Cornier, M.-A., & Tregellas, J. (2014). Reduced brain resting-state network specificity in infants compared with adults. *Neuropsychiatric disease and treatment*, 1349. <https://doi.org/10.2147/NDT.S63773>
- 2013 Brown, M. S., Singel, D., Hepburn, S., & **Rojas, D. C. (2013).** Increased Glutamate Concentration in the Auditory Cortex of Persons With Autism and First-Degree Relatives: A 1H-MRS Study. *Autism Research*, *6*(1), 1–10. <https://doi.org/10.1002/aur.1260>
- Buard, I., Rogers, S. J., Hepburn, S., Kronberg, E., & **Rojas, D. (2013).** Altered oscillation patterns and connectivity during picture naming in autism. *Frontiers in human neuroscience*, *7*, 1–11. <https://doi.org/10.3389/fnhum.2013.00742>
- Gadgil, M., Peterson, E., Tregellas, J., Hepburn, S., & **Rojas, D. C. (2013).** Differences in global and local level information processing in autism: an fMRI investigation. *Psychiatry Research: ...*, *213*(2), 115–121. <https://doi.org/10.1016/j.psychresns.2013.02.005>
- Smucny, J., **Rojas, D. C.**, Eichman, L. C., & Tregellas, J. R. (2013a). Neural effects of auditory distraction on visual attention in schizophrenia. *PLoS One*, *8*(4), e60606. <https://doi.org/10.1371/journal.pone.0060606.t002>
- Smucny, J., **Rojas, D. C.**, Eichman, L. C., & Tregellas, J. R. (2013b). Neuronal effects of auditory distraction on visual attention. *Brain and Cognition*, *81*(2), 263–270. <https://doi.org/10.1016/j.bandc.2012.11.008>

- Smucny, J., Wylie, K., **Rojas**, D., Stevens, K., Olincy, A., Kronberg, E., Zheng, L., & Tregellas, J. (2013). Psychiatry Research: Neuroimaging. *Psychiatry Research: Neuroimaging*, *214*(2), 169–174. <https://doi.org/10.1016/j.psychres.2013.07.002>
- Teale, P., Pasko, B., Collins, D., **Rojas**, D., & Reite, M. (2013). Somatosensory timing deficits in schizophrenia. *Psychiatry Research: Neuroimaging*, *212*(1), 73–78. <https://doi.org/10.1016/j.psychres.2012.11.007>
- Webb, S. J., Bernier, R., Henderson, H. A., Johnson, M. H., Jones, E. J. H., Lerner, M. D., McPartland, J. C., Nelson, C. A., **Rojas**, D. C., Townsend, J., & Westerfield, M. (2013). Guidelines and Best Practices for Electrophysiological Data Collection, Analysis and Reporting in Autism. *Journal of Autism and Developmental Disorders*. <https://doi.org/10.1007/s10803-013-1916-6>
- Wilson, L. B., **Rojas**, D. C., Shatti, S., & Tregellas, J. R. (2013). Greater neuronal responses during automatic semantic processing in schizophrenia. *NeuroReport*, *24*(5), 212–216. <https://doi.org/10.1097/WNR.0b013e32835eb688>
- Wilson, L. B., Tregellas, J. R., Slason, E., Pasko, B. E., Hepburn, S., & **Rojas**, D. C. (2013). Phonological processing in first-degree relatives of individuals with autism: An fMRI study. *Human Brain Mapping*, *34*(6), 1447–1463. <https://doi.org/10.1002/hbm.22001>
- 2012 McFadden, K. L., Hepburn, S., Winterrowd, E., Schmidt, G. L., & **Rojas**, D. C. (2012). Abnormalities in gamma-band responses to language stimuli in first-degree relatives of children with autism spectrum disorder: an MEG study. *BMC Psychiatry*, *12*(1), 213. <https://doi.org/10.1186/1471-244X-12-213>
- Tanabe, J., York, P., Krmopotich, T., Miller, D., Dalwani, M., Sakai, J. T., Mikulich-Gilbertson, S. K., Thompson, L., Claus, E., Banich, M., & **Rojas**, D. C. (2012). Insula and Orbitofrontal Cortical Morphology in Substance Dependence Is Modulated by Sex. *American journal of neuroradiology*. <https://doi.org/10.3174/ajnr.A3347>
- Tregellas, J. R., Smucny, J., Eichman, L., & **Rojas**, D. C. (2012). The effect of distracting noise on the neuronal mechanisms of attention in schizophrenia. *Schizophrenia research*, *142*(1-3), 230–236. <https://doi.org/10.1016/j.schres.2012.09.008>
- Wylie, K. P., **Rojas**, D. C., Tanabe, J., Martin, L. F., & Tregellas, J. R. (2012). Nicotine increases brain functional network efficiency. *NeuroImage*, *63*(1), 73–80. <https://doi.org/10.1016/j.neuroimage.2012.06.079>
- 2011 Davalos, D. B., **Rojas**, D. C., & Tregellas, J. R. (2011). Temporal processing in schizophrenia: effects of task-difficulty on behavioral discrimination and neuronal responses. *Schizophrenia research*, *127*(1-3), 123–130. <https://doi.org/10.1016/j.schres.2010.06.020>
- Rojas**, D. C., Teale, P. D., Maharajh, K., Kronberg, E., Youngpeter, K., Wilson, L. B., Wallace, A., & Hepburn, S. (2011). Transient and steady-state auditory gamma-band responses in first-degree relatives of people with autism spectrum disorder. *Molecular Autism*, *2*(1), 11. <https://doi.org/10.1186/2040-2392-2-11>

- Tregellas, J. R., Tanabe, J., **Rojas**, D. C., Shatti, S., Olincy, A., Johnson, L., Martin, L. F., Soti, F., Kem, W. R., Leonard, S., & Freedman, R. (2011). Effects of an alpha 7-nicotinic agonist on default network activity in schizophrenia. *Biological Psychiatry*, *69*(1), 7–11. <https://doi.org/10.1016/j.biopsych.2010.07.004>
- Tregellas, J. R., Wylie, K. P., **Rojas**, D. C., Tanabe, J., Martin, J., Kronberg, E., Cordes, D., & Cornier, M.-A. (2011). Altered default network activity in obesity. *Obesity*, *19*(12), 2316–2321. <https://doi.org/10.1038/oby.2011.119>
- Verdoorn, T. A., McCarten, J. R., Arciniegas, D. B., Golden, R., Moldauer, L., Georgopoulos, A., Lewis, S., Cassano, M., Hemmy, L., Orr, W., & **Rojas**, D. C. (2011). Evaluation and tracking of Alzheimer's disease severity using resting-state magnetoencephalography. *Journal of Alzheimer's disease : JAD*, *26 Suppl 3*, 239–255. <https://doi.org/10.3233/JAD-2011-0056>
- Wilson, L. B., Tregellas, J. R., Slason, E., Pasko, B. E., & **Rojas**, D. C. (2011). Implicit phonological priming during visual word recognition. *NeuroImage*, *55*(2), 724–731. <https://doi.org/10.1016/j.neuroimage.2010.12.019>
- Wilson, T. W., Slason, E., Asherin, R., Kronberg, E., Teale, P. D., Reite, M. L., & **Rojas**, D. C. (2011). Abnormal gamma and beta MEG activity during finger movements in early-onset psychosis. *Developmental Neuropsychology*, *36*(5), 596–613. <https://doi.org/10.1080/87565641.2011.555573>
- 2010 Arciniegas, D. B., Tregellas, J. R., **Rojas**, D. C., Hewitt, B., & Anderson, C. A. (2010). Functional imaging of hippocampal dysfunction among persons with Alzheimer's disease: a proof-of-concept study. *Neuropsychiatric Disease and ...*, *6*, 779–783. <https://doi.org/10.2147/NDT.S14869>
- Maharajh, K., Teale, P., **Rojas**, D. C., & Reite, M. L. (2010). Fluctuation of gamma-band phase synchronization within the auditory cortex in schizophrenia. *Clinical neurophysiology : official journal of the International Federation of Clinical Neurophysiology*, *121*(4), 542–548. <https://doi.org/10.1016/j.clinph.2009.12.010>
- Reite, M., Reite, E., Collins, D., Teale, P., **Rojas**, D. C., & Sandberg, E. (2010). Brain size and brain/intracranial volume ratio in major mental illness. *BMC Psychiatry*, *10*, 79. <https://doi.org/10.1186/1471-244X-10-79>
- Reite, M., Teale, P., Collins, D., & **Rojas**, D. C. (2010). Schizoaffective disorder - a possible MEG auditory evoked field biomarker. *Psychiatry Research: Neuroimaging*, *182*(3), 284–286. <https://doi.org/10.1016/j.psychresns.2010.02.007>
- Wilson, T. W., Slason, E., Asherin, R., Kronberg, E., Reite, M. L., Teale, P. D., & **Rojas**, D. C. (2010). An extended motor network generates beta and gamma oscillatory perturbations during development. *Brain and Cognition*, *73*(2), 75–84. <https://doi.org/10.1016/j.bandc.2010.03.001>
- 2009 Cornier, M.-A., Salzberg, A. K., Endly, D. C., Bessesen, D. H., **Rojas**, D. C., & Tregellas, J. R. (2009). The effects of overfeeding on the neuronal response to visual food cues in thin and reduced-obese individuals. *PLoS One*, *4*(7), e6310–e6310. <https://doi.org/10.1371/journal.pone.0006310.t002>

- Reite, M., Teale, P., **Rojas**, D. C., Reite, E., Asherin, R., & Hernandez, O. (2009). MEG auditory evoked fields suggest altered structural/functional asymmetry in primary but not secondary auditory cortex in bipolar disorder. *Bipolar disorders*, *11*(4), 371–381. <https://doi.org/10.1111/j.1399-5618.2009.00701.x>
- Tregellas, J. R., Ellis, J., Shatti, S., Du, Y. P., & **Rojas**, D. C. (2009). Increased Hippocampal, Thalamic, and Prefrontal Hemodynamic Response to an Urban Noise Stimulus in Schizophrenia. *American Journal of Psychiatry*, *166*(3), 354–360. <https://doi.org/10.1176/appi.ajp.2008.08030411>
- Wilson, L. B., Tregellas, J. R., Hagerman, R. J., Rogers, S. J., & **Rojas**, D. C. (2009). A voxel-based morphometry comparison of regional gray matter between fragile X syndrome and autism. *Psychiatry Research: Neuroimaging*, *174*(2), 138–145. <https://doi.org/10.1016/j.psychresns.2009.04.013>
- Wilson, T. W., Slason, E., Hernandez, O. O., Asherin, R., Reite, M. L., Teale, P. D., & **Rojas**, D. C. (2009). Aberrant high-frequency desynchronization of cerebellar cortices in early-onset psychosis. *Psychiatry Research: . . .*, *174*(1), 47–56. <https://doi.org/10.1016/j.psychresns.2009.03.009>
- 2008 Abrams, D. J., **Rojas**, D. C., & Arciniegas, D. B. (2008). Is schizoaffective disorder a distinct categorical diagnosis? A critical review of the literature. *Neuropsychiatric disease and treatment*, *4*(6), 1089–1109. <http://eutils.ncbi.nlm.nih.gov/entrez/eutils/elink.fcgi?dbfrom=pubmed&id=19337453&retmode=ref&cmd=prlinks>
- Schmidt, G. L., Kimel, L. K., Winterrowd, E., Pennington, B. F., Hepburn, S. L., & **Rojas**, D. C. (2008). Impairments in phonological processing and nonverbal intellectual function in parents of children with autism. *Journal of clinical and experimental neuropsychology*, *30*(5), 557–567. <https://doi.org/10.1080/13803390701551225>
- Teale, P., Collins, D., Maharajh, K., **Rojas**, D. C., Kronberg, E., & Reite, M. (2008). Cortical source estimates of gamma band amplitude and phase are different in schizophrenia. *NeuroImage*, *42*(4), 1481–1489. <https://doi.org/10.1016/j.neuroimage.2008.06.020>
- Rojas**, D. C., Maharajh, K., Teale, P., & Rogers, S. J. (2008). Reduced neural synchronization of gamma-band MEG oscillations in first-degree relatives of children with autism. *BMC Psychiatry*, *8*(1), 66. <https://doi.org/10.1186/1471-244X-8-66>
- Wilson, T. W., Hernandez, O. O., Asherin, R. M., Teale, P. D., Reite, M. L., & **Rojas**, D. C. (2008). Cortical gamma generators suggest abnormal auditory circuitry in early-onset psychosis. *Cerebral cortex (New York, N.Y. : 1991)*, *18*(2), 371–378. <https://doi.org/10.1093/cercor/bhm062>
- Winterrowd, E., Hepburn, S. L., Kimel, L. K., Reite, M. L., & **Rojas**, D. C. (2008). Relationship of Psychiatric Disorders to Measures of Child Function in Parents of Children With Autism. *MENTAL HEALTH ASPECTS OF DEVELOPMENTAL DISABILITIES*, *11*(2), 42. http://media.wix.com/ugd/e11630_4a736c31bc821083ffa37149ef53d7f8.pdf
- 2007 Arciniegas, D. B., **Rojas**, D. C., Kleman, M. R., Asherin, R., & Reite, M. L. (2007). Neurological signs and cognitive performance distinguish between adolescents with and without psychosis. *Journal of Neuropsychiatry and Clinical Neurosciences*, *19*(3), 266–273. <https://doi.org/10.1176/appi.neuropsych.19.3.266>

- Frey, K. L., **Rojas**, D. C., Anderson, C. A., & Arciniegas, D. B. (2007). Comparison of the O-Log and GOAT as measures of posttraumatic amnesia. *Brain injury : [BI]*, *21*(5), 513–520. <https://doi.org/10.1080/02699050701311026>
- Rojas**, D. C., Slason, E., Teale, P. D., & Reite, M. L. (2007). Neuromagnetic evidence of broader auditory cortical tuning in schizophrenia. *Schizophrenia research*, *97*(1-3), 206–214. <https://doi.org/10.1016/j.schres.2007.08.011>
- Tregellas, J. R., Davalos, D. B., **Rojas**, D. C., Waldo, M. C., Gibson, L., Wylie, K., Du, Y. P., & Freedman, R. (2007). Increased hemodynamic response in the hippocampus, thalamus and prefrontal cortex during abnormal sensory gating in schizophrenia. *Schizophrenia research*, *92*(1-3), 262–272. <https://doi.org/10.1016/j.schres.2006.12.033>
- Tregellas, J. R., Shatti, S., Tanabe, J. L., Martin, L. F., Gibson, L., Wylie, K., & **Rojas**, D. C. (2007). Gray matter volume differences and the effects of smoking on gray matter in schizophrenia. *Schizophrenia research*, *97*(1-3), 242–249. <https://doi.org/10.1016/j.schres.2007.08.019>
- Wilson, T. W., **Rojas**, D. C., Reite, M. L., Teale, P. D., & Rogers, S. J. (2007). Children and adolescents with autism exhibit reduced MEG steady-state gamma responses. *Biological Psychiatry*, *62*(3), 192–197. <https://doi.org/10.1016/j.biopsych.2006.07.002>
- Wilson, T. W., **Rojas**, D. C., Teale, P. D., Hernandez, O. O., Asherin, R. M., & Reite, M. L. (2007). Aberrant functional organization and maturation in early-onset psychosis: evidence from magnetoencephalography. *Psychiatry Research: Neuroimaging*, *156*(1), 59–67. <https://doi.org/10.1016/j.psychres.2007.01.004>
- 2006 Peterson, E., Schmidt, G. L., Tregellas, J. R., Winterrowd, E., Kopeloff, L., Hepburn, S., Reite, M., & **Rojas**, D. C. (2006). A voxel-based morphometry study of gray matter in parents of children with autism. *NeuroReport*, *17*(12), 1289–1292. <https://doi.org/10.1097/01.wnr.0000233087.15710.87>
- Rojas**, D. C., Maharajh, K., Teale, P. D., Kleman, M. R., Benkers, T. L., Carlson, J. P., & Reite, M. L. (2006). Development of the 40Hz steady state auditory evoked magnetic field from ages 5 to 52. *Clinical Neurophysiology*, *117*(1), 110–117. <https://doi.org/10.1016/j.clinph.2005.08.032>
- Rojas**, D. C., Peterson, E., Winterrowd, E., Reite, M. L., Rogers, S. J., & Tregellas, J. R. (2006). Regional gray matter volumetric changes in autism associated with social and repetitive behavior symptoms. *BMC Psychiatry*, *6*, 56. <https://doi.org/10.1186/1471-244X-6-56>
- Tregellas, J. R., Davalos, D. B., & **Rojas**, D. C. (2006). Effect of task difficulty on the functional anatomy of temporal processing. *NeuroImage*, *32*(1), 307–315. <https://doi.org/10.1016/j.neuroimage.2006.02.036>
- 2005 Greenblatt, R. E., Ossadtchi, A., Pflieger, M. E., & **Rojas**, D. C. (2005). Local linear estimators and a statistical framework for event related field analysis. *International Journal of Brain Electromagnetism*, *7*(2), 22–25. http://scholar.google.com/scholar?cluster=2488322713827429978&hl=en&num=20&as_sdt=0,5
- Rojas**, D. C., Camou, S. L., Reite, M. L., & Rogers, S. J. (2005). Planum temporale volume in children and adolescents with autism. *Journal of autism and ...*, *35*(4), 479–486. <https://doi.org/10.1007/s10803-005-5038-7>

- 2004 **Rojas**, D. C., Smith, J. A., Benkers, T. L., Camou, S. L., Reite, M. L., & Rogers, S. J. (2004). Hippocampus and amygdala volumes in parents of children with autistic disorder. *American Journal of Psychiatry*, *161*(11), 2038–2044. <https://doi.org/10.1176/appi.ajp.161.11.2038>
- 2003 Haynes, S., & **Rojas**, D. (2003). Free will, determinism, and punishment. *Psychological reports*. <http://www.ncbi.nlm.nih.gov/pubmed/14765562>
- Reite, M., Teale, P., **Rojas**, D. C., Benkers, T. L., & Carlson, J. (2003). Anomalous somatosensory cortical localization in schizophrenia. *American Journal of Psychiatry*, *160*(12), 2148–2153. <http://eutils.ncbi.nlm.nih.gov/entrez/eutils/elink.fcgi?dbfrom=pubmed&id=%2014638585&retmode=ref&cmd=prlinks>
- Teale, P., Carlson, J., **Rojas**, D., & Reite, M. (2003). Reduced laterality of the source locations for generators of the auditory steady-state field in schizophrenia. *Biological Psychiatry*, *54*(11), 1149–1153. <http://eutils.ncbi.nlm.nih.gov/entrez/eutils/elink.fcgi?dbfrom=pubmed&id=%2014643081&retmode=ref&cmd=prlinks>
- 2002 Harris, J. G., Young, D. A., **Rojas**, D. C., Cajade-Law, A., Scherzinger, A., Nawroz, S., Adler, L. E., Cullum, C. M., Simon, J., & Freedman, R. (2002). Increased hippocampal volume in schizophrenics' parents with ancestral history of schizophrenia. *Schizophrenia research*, *55*(1-2), 11–17. <http://eutils.ncbi.nlm.nih.gov/entrez/eutils/elink.fcgi?dbfrom=pubmed&id=11955959&retmode=ref&cmd=prlinks>
- Teale, P., Benkers, T., & **Rojas**, D. (2002). Determination of the sphere origin for MEG source modelling in temporal regions. *Physics in Medicine and ...* <http://iopscience.iop.org/0031-9155/47/7/311>
- Rojas**, D. C., Bawn, S. D., Benkers, T. L., Reite, M. L., & Rogers, S. J. (2002). Smaller left hemisphere planum temporale in adults with autistic disorder. *Neuroscience letters*, *328*(3), 237–240. <http://eutils.ncbi.nlm.nih.gov/entrez/eutils/elink.fcgi?dbfrom=pubmed&id=12147315&retmode=ref&cmd=prlinks>
- Rojas**, D. C., Bawn, S. D., Carlson, J. P., Arciniegas, D. B., Teale, P. D., & Reite, M. L. (2002). Alterations in tonotopy and auditory cerebral asymmetry in schizophrenia. *Biological Psychiatry*, *52*(1), 32–39. <http://eutils.ncbi.nlm.nih.gov/entrez/eutils/elink.fcgi?dbfrom=pubmed&id=%2012079728&retmode=ref&cmd=prlinks>
- 2001 Arciniegas, D. B., Topkoff, J. L., **Rojas**, D. C., Sheeder, J., Teale, P., Young, D. A., Sandberg, E., Reite, M. L., & Adler, L. E. (2001). Reduced Hippocampal Volume in Association With P50 Nonsuppression Following Traumatic Brain Injury. *Journal of Neuropsychiatry and Clinical Neurosciences*, *13*(2), 213. <https://doi.org/10.1176/appi.neuropsych.13.2.213>
- Patwardhan, A. J., Eliez, S., Warsofsky, I. S., Glover, G. H., White, C. D., Giedd, J. N., Peterson, B. S., **Rojas**, D. C., & Reiss, A. L. (2001). Effects of image orientation on the comparability of pediatric brain volumes using three-dimensional MR data. *Journal of computer ...*, *25*(3), 452–457. <http://eutils.ncbi.nlm.nih.gov/entrez/eutils/elink.fcgi?dbfrom=pubmed&id=11351198&retmode=ref&cmd=prlinks>

- Rojas, D. C., Benkers, T. L., Rogers, S. J., Teale, P. D., Reite, M. L., & Hagerman, R. J.** (2001). Auditory evoked magnetic fields in adults with fragile X syndrome. *NeuroReport*, *12*(11), 2573–2576. http://journals.lww.com/neuroreport/Abstract/2001/08080/Auditory_evoked_magnetic_fields_in_adults_with.56.aspx
- 2000 Teale, P., Reite, M., **Rojas, D. C., Sheeder, J., & Arciniegas, D.** (2000). Fine structure of the auditory M100 in schizophrenia and schizoaffective disorder. *Biological Psychiatry*, *48*(11), 1109–1112. <http://eutils.ncbi.nlm.nih.gov/entrez/eutils/elink.fcgi?dbfrom=pubmed&id=%2011094145&retmode=ref&cmd=prlinks>
- Rojas, D. C., Teale, P. D., Sheeder, J. L., & Reite, M. L.** (2000). Neuromagnetic alpha suppression during an auditory sternberg task. Evidence for a serial, self-terminating search of short-term memory. *Brain research. Cognitive brain research*, *10*(1-2), 85–89. <http://eutils.ncbi.nlm.nih.gov/entrez/eutils/elink.fcgi?dbfrom=pubmed&id=10978695&retmode=ref&cmd=prlinks>
- 1999 Arciniegas, D., **Rojas, D. C., Teale, P., Sheeder, J., Sandberg, E., & Reite, M.** (1999). The thalamus and the schizophrenia phenotype: failure to replicate reduced volume. *Biological Psychiatry*, *45*(10), 1329–1335. <http://eutils.ncbi.nlm.nih.gov/entrez/eutils/elink.fcgi?dbfrom=pubmed&id=10349040&retmode=ref&cmd=prlinks>
- Beresford, T., Arciniegas, D., **Rojas, D., Sheeder, J., Teale, P., Aasal, R., Sandberg, E., & Reite, M.** (1999). Hippocampal to pituitary volume ratio: a specific measure of reciprocal neuroendocrine alterations in alcohol dependence. *Journal of studies on alcohol*, *60*(5), 586–588. <http://eutils.ncbi.nlm.nih.gov/entrez/eutils/elink.fcgi?dbfrom=pubmed&id=10487726&retmode=ref&cmd=prlinks>
- Reite, M., Teale, P., & **Rojas, D. C.** (1999). Magnetoencephalography: applications in psychiatry. *Biological Psychiatry*, *45*(12), 1553–1563. <http://eutils.ncbi.nlm.nih.gov/entrez/eutils/elink.fcgi?dbfrom=pubmed&id=%2010376115&retmode=ref&cmd=prlinks>
- Reite, M., Teale, P., **Rojas, D. C., Arciniegas, D., & Sheeder, J.** (1999). Bipolar disorder: anomalous brain asymmetry associated with psychosis. *American Journal of Psychiatry*, *156*(8), 1159–1163. <http://eutils.ncbi.nlm.nih.gov/entrez/eutils/elink.fcgi?dbfrom=pubmed&id=10450254&retmode=ref&cmd=prlinks>
- Reite, M., Teale, P., **Rojas, D. C., Sheeder, J., & Arciniegas, D.** (1999). Schizoaffective disorder: evidence for reversed cerebral asymmetry. *Biological Psychiatry*, *46*(1), 133–136. <http://eutils.ncbi.nlm.nih.gov/entrez/eutils/elink.fcgi?dbfrom=pubmed&id=10394484&retmode=ref&cmd=prlinks>
- Rojas, D. C., Arciniegas, D. B., Teale, P. D., & Reite, M. L.** (1999). Magnetoencephalography and magnetic source imaging: technology overview and applications in psychiatric neuroimaging. *CNS spectrums*, *4*(8), 37–43. <http://eutils.ncbi.nlm.nih.gov/entrez/eutils/elink.fcgi?dbfrom=pubmed&id=%2017921929&retmode=ref&cmd=prlinks>
- Rojas, D. C., Teale, P., Sheeder, J., & Reite, M.** (1999). Sex differences in the refractory period of the 100 ms auditory evoked magnetic field. *NeuroReport*, *10*(16), 3321–3325. http://journals.lww.com/neuroreport/Abstract/1999/11080/Sex_differences_in_the_refractory_period_of_the.13.aspx

- 1998 Teale, P., Sheeder, J., **Rojas**, D. C., Walker, J., & Reite, M. (1998). Sequential source of the M100 exhibits inter-hemispheric asymmetry. *NeuroReport*, *9*(11), 2647–2652. <http://eutils.ncbi.nlm.nih.gov/entrez/eutils/elink.fcgi?dbfrom=pubmed&id=9721949&retmode=ref&cmd=prlinks>
- Rojas**, D. C., Walker, J. R., Sheeder, J. L., Teale, P. D., & Reite, M. L. (1998). Developmental changes in refractoriness of the neuromagnetic M100 in children. *NeuroReport*, *9*(7), 1543–1547. http://journals.lww.com/neuroreport/Abstract/1998/05110/Developmental_changes_in_refractoriness_of_the.55.aspx
- 1997 Reite, M., Sheeder, J., Teale, P., Adams, M., Richardson, D., Simon, J., Jones, R. H., & **Rojas**, D. C. (1997). Magnetic source imaging evidence of sex differences in cerebral lateralization in schizophrenia. *Archives of general psychiatry*, *54*(5), 433–440. <https://doi.org/10.1001/archpsyc.1997.01830170059009>
- Rojas**, D. C., Teale, P., Sheeder, J., Simon, J., & Reite, M. (1997). Sex-specific expression of Heschl's gyrus functional and structural abnormalities in paranoid schizophrenia. *American Journal of Psychiatry*, *154*(12), 1655–1662. <http://eutils.ncbi.nlm.nih.gov/entrez/eutils/elink.fcgi?dbfrom=pubmed&id=%209396942&retmode=ref&cmd=prlinks>
- 1996 Bane, A., **Rojas**, D., Indermaur, K., Bennett, T., & Avery, D. (1996). Adverse effects of dextromethorphan on the spatial learning of rats in the Morris water maze. *European journal of pharmacology*, *302*(1-3), 7–12. <http://eutils.ncbi.nlm.nih.gov/entrez/eutils/elink.fcgi?dbfrom=pubmed&id=8790985&retmode=ref&cmd=prlinks>
- Reite, M., Teale, P., Sheeder, J., **Rojas**, D., & Simon, J. (1996). Neuropsychiatric applications of MEG. *Electroencephalography and clinical neurophysiology. Supplement*, *47*, 363–382. <http://eutils.ncbi.nlm.nih.gov/entrez/eutils/elink.fcgi?dbfrom=pubmed&id=%209335999&retmode=ref&cmd=prlinks>
- Reite, M., Teale, P., Sheeder, J., **Rojas**, D. C., & Schneider, E. E. (1996). Magnetoencephalographic evidence of abnormal early auditory memory function in schizophrenia. *Biological Psychiatry*, *40*(4), 299–301. [https://doi.org/10.1016/0006-3223\(96\)00012-1](https://doi.org/10.1016/0006-3223(96)00012-1)
- Rojas**, D. C., & Bennett, T. L. (1996b). The neuropsychology of attention: by Ronald A. Cohen, New York: Plenum Press, 1993, 545 pp. *Archives of clinical neuropsychology*, *11*(3), 257–259. http://scholar.google.com/scholar?cluster=16439876498432847803&hl=en&num=20&as_sdt=0,5
- 1995 **Rojas**, D. C., & Bennett, T. L. (1995). Single versus composite score discriminative validity with the Halstead–Reitan Battery and the Stroop Test in mild brain injury* 1. *Archives of clinical neuropsychology*, *10*(2), 101–110. <http://eutils.ncbi.nlm.nih.gov/entrez/eutils/elink.fcgi?dbfrom=pubmed&id=14589732&retmode=ref&cmd=prlinks>

Book Chapters and Book Reviews

- 2019 Arciniegas, D. B., Anderson, C. A., & **Rojas**, D. C. (2019). Electrophysiological assessment. In M. Silver, T. W. McAllister, & D. B. Arciniegas (Eds.), *Textbook of traumatic brain injury* (3rd ed., pp. 151–162). American Psychiatric Publishing.
- Rojas**, D. C. (2019). Magnetoencephalography in schizophrenia. In S. Supek & C. J. Aine (Eds.), *MEG—from signals to dynamic cortical networks* (2nd ed.). Springer Verlag, Heidelberg.

- 2014 **Rojas**, D. C. (2014a). Magnetoencephalography in schizophrenia. In S. Supek & C. J. Aine (Eds.), *MEG—from signals to dynamic cortical networks*. Springer Verlag, Heidelberg.
- 2013 McFadden, K. L., & **Rojas**, D. C. (2013). Electrophysiology of autism. In M. Fitzgerald (Ed.), *Recent advances in autism spectrum disorders* (Vol. 2). InTech Open Access, 10.5772/50854.
- Rojas**, D. C. (2013). Advanced electrophysiological testing. In D. B. Arciniegas, C. A. Anderson, & C. Filley (Eds.), *Behavioral neurology and neuropsychiatry* (3rd ed.). Cambridge University Press.
- 2011 Arciniegas, D. B., Anderson, C. A., & **Rojas**, D. C. (2011). Electrophysiological assessment. In M. Silver, T. W. McAllister, & S. C. Yudofsky (Eds.), *Textbook of traumatic brain injury* (2nd ed., pp. 115–126). American Psychiatric Publishing.
- 2005 Arciniegas, D. B., Anderson, C. A., & **Rojas**, D. C. (2005). Electrophysiological techniques. In M. Silver, T. W. McAllister, & S. C. Yudofsky (Eds.), *Textbook of traumatic brain injury* (pp. 135–158). American Psychiatric Press.
- 2000 **Rojas**, D. C., Teale, P., & Reite, M. (2000). Magnetoencephalography. In M. Ernst & R. J. (Eds.), *The foundation and future of functional neuroimaging in child psychiatry* (pp. 77–95). Cambridge University Press.
- 1996 Reite, M., Teale, P., Sheeder, J., **Rojas**, D. C., & Simon, J. (1996). Neuropsychiatric applications of MEG. In I. Hashimoto, Y. C. Okada, & S. Ogawa (Eds.), *Visualization of information processing in the human brain: Recent advances in MEG and functional mri. electroencephalography and clinical neurophysiology, (suppl. 47)* (pp. 363–382). Elsevier Science.
- Rojas**, D. C., & Bennett, T. L. (1996a). Review of the book: The neuropsychology of attention. *11(3)*.

Submitted Manuscripts

- Wilson, L. B., Moiyadi, A., Steinmetz, S., Slason, E., Pasko, B. E., Hepburn, S., & **Rojas**, D. C. *A behavioral examination of phonological processing in adults with autism.*
- Cardon, G., Tindall, K., & **Rojas**, D. C. *Behavioral and neural interrelationships of sensory difficulties, intolerance of uncertainty, and anxiety in autistic children.*
- Cardon, G., Buckhannon, M., & **Rojas**, D. C. *Neurophysiologic and behavioral correlates of sensory processing, intolerance of uncertainty, and autistic traits in children: A dimensional approach.*
- Wilson, L. B., Slason, E., Pasko, B., Hepburn, S., & **Rojas**, D. C. *Phonological processing in adults with autism and parents of children with autism: an MEG study.*

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