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EDUCATION

December 2010 Ph.D.	Aix-Marseille University (France) Cognitive Neuroscience
July 2007 Masters (year 2)	Aix-Marseille University (France) Cognitive Neuroscience
July 2005 Masters (year 1)	University of Rennes 1 (France) Cellular Biology and Animal Physiology
Completion Date: July 2004 B.S.	University of Rennes 1 (France) Biology

ACADEMIC POSITIONS

August 2016 – Present San Diego State University	Assistant Professor Speech, Language, and Hearing Sciences Center for Clinical and Cognitive Neuroscience
April 2017 – Present San Diego State University	Faculty Member Joint Doctoral program in Language and Communicative Disorders
January 2011 – August 2016 University of California, Berkeley	Post-doctorate researcher Psychology, Neuroscience
September 2007 – December 2010 Aix-Marseille University (France)	Teaching Assistant Neuroscience

Refereed Journal Articles * indicates a student collaborator

1. Anderson, E.J.*, Midgley, K.J., Holcomb, P.J., & **Riès, S.K.** (in press). Taxonomic and thematic semantic relationships in picture naming as revealed by Laplacian-transformed event-related potentials. *Psychophysiology*.
2. Mendoza, M.N.*, Blumenfeld, H.K., Knight, R.T., Riès, S. (2021). Investigating the link between linguistic and non-linguistic cognitive control in bilinguals using Laplacian-transformed event related potentials. *Neurobiology of Language*. Special Issue on Bilingualism and Executive Function. *Neurobiology of Language*.
https://doi.org/10.1162/nol_a_00056.
3. Llorens, A., Tzovara, A., Bellier, L., Bhaya-Grossman, I., Bidet-Caulet, A., Chang, W. K., Cross, Z., Domingues-Faus, R., Flinker, A., Fonken, Y., Gorenstein, A., Holdgraf, C., Hoy, C., Ivanova, M., Jimenez, R., Jun, S., Kam, J., Kidd, C., Marcelle., Marciano, D., Martin, S., Myers, N., Ojala, K., Parry, A., Pinheiro-Chagas, P., **Ries, S. K.**, Saez, I., Skelin, I., Slama, K., Staveland, B., Bassett, D., Buffalo, E., Fairhall, A., Kopell, N., Kray, L., Lin, J., Nobre, A., Riley, D., Solbakk, A., Wallis, J., Wang, X., Yuval-Greenberg, S., Kastner, S., Knight, R., & Dronkers, N. F. (2021). Gender bias in academia: A lifetime problem that needs solutions. *Neuron*, 109(13), 2047-2074. <https://doi.org/10.1016/j.neuron.2021.06.002>
4. **Riès, S. K.**, Pinet, S., Nozari, N., Knight, R.T. (2021). Characterizing multi-word speech production using event-related potentials. *Psychophysiology*. e13788. doi: 10.1111/psyp.13788.
5. **Riès, S. K.**, Schendel, K., Herron, T., Dronkers, N.F., Baldo, J.V., Turken, A.U. (2021). Neural Underpinnings of Proactive Interference in Working Memory: Evidence from Patients with Unilateral Lesions. *Frontiers in Neurology*, section Dementia and Neurodegenerative Diseases for Research Topic: In Search of the Neural Underpinnings and a Functional Definition of the Elusive “Working Memory”. <https://doi.org/10.3389/fneur.2021.607273>
6. **Riès, S. K.**, Tavildar, S.*, Rohilla, R.*, Sperling, C.*, Ashrafi A. (2020). Patterns of cortical interactivity supporting speech production and lexical retrieval: A graph signal processing approach at the individual level. *Journal of Neurolinguistics*, 56, 100936.
<https://doi.org/10.1016/j.jneuroling.2020.100936>
7. **Ries, S.**, Nadalet, L.*, Mickelsen, S.*, Mott, M. *, Midgley, K.J., Holcomb, P.J., and Emmorey, K. (2020). Pre-output language monitoring in sign production. *Journal of Cognitive Neuroscience*, https://doi.org/10.1162/jocn_a_01542
8. **Riès, S.**, Piai V., Perry D., Griffin S., Jordan, K. *, Henry, R., Knight R.T., Berger M. (2019). Roles of ventral versus dorsal pathways in language production: an awake language mapping study. *Brain and Language*. <https://doi.org/10.1016/j.bandl.2019.01.001>
9. Anderson, E. *, and **Riès, S.** (2019) How do we use our brains to choose words when we speak? [Comment choisit-on les mots quand on parle ?] – *Frontiers for Young Minds* – Special French Edition. 7:36. doi: 10.3389/frym.2019.00036

10. **Riès, S.**, Dhillon, R.*, Clarke, A., King-Stephens, D., Laxer, K. D., Weber, P. B., Kuperman, R. A., Auguste, K. I., Brunner, P., Schalk, G., Parvizi, J., Crone, N., Dronkers, N. F., and Knight, R. T. (2017). Spatiotemporal dynamics of word retrieval in speech production revealed by cortical high-frequency band activity. *Proceedings of the National Academy of Sciences*, 114 (23), E4530-E4538.
11. Anders, R.ⁱ, **Riès, S.**ⁱ, van Maanen L., Alario, F.-X. (2017). Lesions to the Left Lateral Prefrontal Cortex Impair Decision Threshold Adjustment for Lexical Selection. *Cognitive Neuropsychology*. doi: 10.1080/02643294.2017.1282447
ⁱco first authorship
12. **Riès, S.**, Dronkers, N., and Knight, R.T. (2016). Choosing words: left hemisphere, right hemisphere, or both? Perspective on the lateralization of word retrieval. *Annals of the New York Academy of Sciences*, 1369, 111–131, doi: 10.1111/nyas.12993.
13. Madec, S.*, Le Goff, K., **Riès, S.**, Legou, T., Rousselet, G., Courrieu, P., Alario, F.-X., Grainger, J., and Rey, A. (2016). The time-course of visuo-phonological interactions in letter perception. *Cognitive, Affective, and Behavioral Neuroscience*, 16(3), 406-14. PMID: 26742753
14. Piai, V., **Riès, S.**, & Swick, D. (2016). Lesions to lateral prefrontal cortex impair lexical interference control in word production. *Frontiers in Human Neuroscience*, 9:721. doi: 10.3389/fnhum.2015.00721
15. Riès, S. (2015). Serial versus parallel neurobiological processes in language production: Comment on Munding, Dubarry, and Alario, 2015. *Language, Cognition, and Neuroscience*, 31(4), 476-479. doi:10.1080/23273798.2015.1117644
16. Anders, R., **Riès, S.**, van Maanen L., Alario, F.-X. (2015). Evidence accumulation as a model for lexical selection. *Cognitive Psychology*, 82:57-73. doi: 10.1016/j.cogpsych.2015.07.002.
17. **Riès, S.**, Karzmark, C.*, Navarrete, E., Dronkers, N., and Knight, R.T. (2015). Specifying the role of the left prefrontal cortex in word selection. *Brain and Language*, 149:135-47. doi: 10.1016/j.bandl.2015.07.007.
18. **Riès, S.**, Fraser, D.*, McMahon, K.L., and de Zubicaray, G.I. (2015). Early and late electrophysiological effects of distractor frequency in picture naming: Reconciling input and output accounts. *Journal of Cognitive Neuroscience*, 10, 1936-47. PMID: 26042502
19. Piai, V., **Riès, S.**, and Knight, R.T. (2015). The electrophysiology of language production: what could be improved. *Frontiers in Psychology*, 5:1560. doi: 10.3389/fpsyg.2014.01560

20. Van der Linden, L.*, **Riès, S.**, Legou, T., Burle, B., Malfait, N. and Alario, A. (2014). A comparison of two procedures for verbal response time fractionation. *Frontiers in Psychology, section Language Sciences*, 5: 1213. doi: 10.3389/fpsyg.2014.01213
21. **Riès, S.**, Greenhouse I., Dronkers, N., Haaland, K., and Knight, R. T. (2014). Double dissociation of the roles of the left and right prefrontal cortices in anticipatory regulation of action. *Neuropsychologia*, 63C: 215-225. doi: 10.1016/j.neuropsychologia.2014.08.026.
22. Llorens, A.*, Trebuchon, A., **Riès, S.**, Alario, F.-X., and Liegeois-Chauvel, C. (2014). How familiarization and repetition modulate the picture naming network. *Brain and Language*, 133: 47-58. doi: 10.1016/j.bandl.2014.03.010
23. **Riès, S.**, Xie, K.*, Haaland, K., Dronkers, N., and Knight, R. T. (2013). Role of the lateral prefrontal cortex in speech monitoring. *Frontiers in Human Neuroscience*, 7:703. doi: 10.3389/fnhum.2013.00703
24. Kaltwasser, K.*, **Riès, S.**, Sommer, W., Knight, R. T., Willems, R.M. (2013). Independence of valence and reward in emotional word processing: Electrophysiological evidence. *Frontiers in Psychology*, 4:168. doi: 10.3389/fpsyg.2013.00168.
25. **Riès, S.**, Janssen, N., Burle, B., and Alario, F.-X. (2013). Response-locked brain dynamics of word production. *Plos One*, 8(3): e58197. doi:10.1371/journal.pone.0058197
26. **Riès, S.**, Legou, T., Burle, B., Alario, A. and Malfait, N. (2012). Why does picture naming take longer than word reading? The contribution of articulatory processes. *Psychonomics Bulletin and Review*, DOI 10.3758/s13423-012-0287-x. doi: 10.3758/s13423-014-0668-4
27. **Riès, S.**, Janssen, N., Dufau, S., Alario, F.-X., Burle, B. (2011). General purpose monitoring during speech production. *Journal of Cognitive Neuroscience*, 23, 6, 1419-1436.
28. De Vos, M., **Riès, S.**, Vanderperren, K., Vanrumste, B., Alario, F.-X., Van Huffel, S., and Burle, B. (2010). Removal of muscle artifacts from EEG recordings of spoken language production. *Neuroinformatics*, 8, 135-150.

Invited Talks

Riès, S. (2021). Uncovering the spatio-temporal dynamics of language production. CuttingEEG, 5th Symposium on cutting-edge methods for EEG research. Aix-en-Provence, France, October 4-7th 2021.

Riès, S. & Ashrafi, A. (2021). Cortical interactions supporting language production. SDSU Mind and Brain Colloquium Series, February 26th 2021.

Riès, S. (2020) Time-resolved electroencephalographic analysis of speech. CuttingEEG Conference 2020, Aix-en-Provence, France. July 6-9th 2020, conference cancelled due to the pandemic.

Riès, S. (2019) Brain dynamics supporting lexical retrieval in language production. Talk given at

the University of Geneva in the NeuroPsychoLinguistic (NPL) lab, Switzerland, May 27th 2019.

Ries, S. (2019) Frontal control mechanisms in language production. Talk given at the Institute for Advanced Studies at the University of Cergy Pontoise, France, May 23rd 2019.

Ries, S. (2018) Brain dynamics supporting lexical retrieval in language production. Talk given in session entitled “The Dynamic Brain: Signatures of Fast Functional Reconfiguration, Their Interpretability, and Clinical Value” hosted by Nitin Tandon and Stanislas Dehaene at the 2018 annual meeting of the Society for Neuroscience, San Diego, CA, Nov. 6th 2018.

Ries, S. (2018) What can we learn about word retrieval in speech production from intracranial electroencephalography? Talk given at the “Progress in Decoding Speech Processes Using Intracranial Signals” workshop at the Brain-Computer Interface meeting, May 21-25 2018, Pacific Grove, California.

Ries, S. (2018) What electrophysiology and neuropsychology can teach us about language output monitoring. Talk given in the Department of Communicative Disorders at New York University, NYC, March 30th 2018.

Ries, S. (2017) Dynamics of language production as revealed by electrophysiology. Talk given at the UC Santa Barbara – UC Merced Dynamics of Language Workshop.

Ries, S. (2015). A dynamic cortical network supporting word retrieval in language production. Talk given at the UC Davis Center for Mind and Brain, Dec. 9th, 2015.

Ries, S. (2015). A dynamic cortical network supporting word retrieval in language production. Talk given at the UC Davis Department for the Perception Cognition and Cognitive Neuroscience Brownbag, Nov. 8th, 2015.

Ries, S. (2015) A dynamic cortical network supporting word selection in language production. Talk given at Aix-Marseille University, France, September 11th 2015.

Ries, S. (2015) A dynamic cortical network supporting word selection in language production. Talk given at Grenoble University, France, September 10th 2015.

Ries, S. (2015) Spatio-temporal dynamics of word retrieval in speech production: Insights from electrocorticography. Talk given at Rice University, Houston, Texas, June 1st 2015.

Ries, S. (2014) Untangling frontal control mechanisms in language production: Insights from neuropsychological and electrophysiological studies. Talk given on Sep 5th 2014, Bangor University, United Kingdom.

Ries, S. (2013) Talk given at the University of California San Francisco on June 25th 2013

Riès, S., Legou, T., Malfait, N., Burle, B., and Alario, F.-X. (2010) Why is Naming Longer than Reading? Contribution of Articulatory Processes. [Pourquoi dénommer des dessins prend plus de temps que de lire des mots? Contribution des processus articulatoires.] Invited presentation at the 52nd Congress of the French Society for Psychology, Lille, France. 09/7-9/2010.

Refereed Proceedings

1. **Ries S.** (2019). Neural correlates of speech error monitoring and awareness. Abstract published in *Frontiers in Human Neuroscience*. Conference Abstract: Academy of Aphasia 57th Annual Meeting, Macau, October 27-29 2019.
2. **Ries S.,** Piai V., Perry D., Griffin S., Jordan, K., Knight R., Berger M. (2017). Dissociating the roles of ventral versus dorsal pathways in language production: an awake language mapping study. Abstract published in *Frontiers in Human Neuroscience*. Conference

Abstract: Academy of Aphasia 55th Annual Meeting, Baltimore, MD, November 5-7 2017.
doi: 10.3389/conf.fnhum.2017.223.00076

3. **Ries, S.**, Dhillon, R. *, Clarke, A., King-Stephens, D., Laxer, K. D., Weber, P. B., Kuperman, R. A., Auguste, K. I., Brunner, P., Schalk, G., Lin, J., Parvizi, J., Crone, N., Dronkers, N. F., and Knight, R. T. (2015). Spatio-temporal dynamics of the lexical selection network in speech production: Insights from electrocorticography. Talk given at the annual meeting of the Academy of Aphasia, October 18-20, Tucson, Arizona. Abstract published in *Frontiers in Psychology*, doi: 10.3389/conf.fpsyg.2015.65.00039
4. **Riès, S.**, Schendel, K., Dronkers, N. F., Turken, A. U. (2014). White matter pathways critical for language are also critical for resolving proactive interference in working memory. Poster presented at the annual meeting of the Academy of Aphasia, Miami, Florida, USA, 10/5-7/2014. Abstract published in *Frontiers in Psychology*, doi: 10.3389/conf.fpsyg.2014.64.00088
5. **Ries, S.**, Fischer-Baum, S. (2013) Cross-domain approaches to the language puzzle. 51st Annual Meeting of the Academy of Aphasia, Lucerne, Switzerland, 10/20-22/2013. *Procedia - Social and Behavioral Sciences*, 94, 211.
6. **Ries, S.** (2013) Brain dynamics of cognitive control processes in language production: Insights from electrophysiological and neuropsychological studies. 51st Annual Meeting of the Academy of Aphasia, Lucerne, Switzerland, 10/20-22/2013. *Procedia - Social and Behavioral Sciences*, 94, 212-213.
7. **Riès, S.**, Dronkers, N.F., Knight, R.T. (2012) Left Fronto-Posterior interactions underlie lexical selection in speech production: Neuropsychological and EEG evidence. 50th Annual Meeting of the Academy of Aphasia, San Francisco, California, 10/28-30/2012. *Procedia - Social and Behavioral Sciences*, 61, 47-49.
8. Burle, B., Roger, R., **Ries, S.**, Alario, F.-X., Vidal, F., Hasbroucq, T. (2009) Beyond errors! Converging evidence for a general performance monitoring system. 49th Annual Meeting of the Society-for-Psychophysiological-Research, Berlin, Germany, 10/21-24/2009. Abstract published in *Psychophysiology*, 46, S16-S16.
9. **Riès, S.**, Janssen, N., Dufau, S., Alario, F.-X., Burle, B. (2009) Characterization of electroencephalographic (EEG) components elicited by overt speech production in the picture naming task: a Laplacian ERP study. 49th Annual Meeting of the Society-for-Psychophysiological-Research, Berlin, Germany, 10/21-24/2009. Abstract published in *Psychophysiology*, 46, S30-S30.

Book Chapters

1. **Ries, S.**, Jordan, K., Knight, R.T., Berger, M. (in press). Lesion-behavior awake mapping with direct cortical and subcortical stimulation. Chapter in press for publication in book

entitled Lesion-to-symptom mapping: Principles and tools, to be published in Springer Neuromethods series and edited by Dorian Pustina and Daniel Mirman.

2. **Riès, S.**, Alario, F.-X., and Burle, B. (2009). Electro- et Magnéto-encéphalographie de la parole [Electro- and Magneto-encephalography of speech]. In Marchal, A. and Cavé, C. (Eds.), *Imagerie médicale pour l'étude de la parole [Medical Imaging for the Study of Speech]*. Paris: Hermès Sciences Editions.
3. Ayora, P. and **Riès, S.** (2011). Comment fait-on pour aligner les mots et les faire rimer? [How do we align words and make them rhyme?]. In Alario A., *Toutes les questions que vous vous posez sur votre cerveau [All the questions you ask yourself about your brain]*. Paris: Odile Jacob Editions.

Non-refereed Proceedings

1. Hernandez, M.*, Barragan Diaz, A.*, Martinez, P.*, Robinson Anthony, J., Blumenfeld, H., **Riès, S.** (2021) Cognate and False Cognate Naming in Bilingual Adults Across the Lifespan: An Online Study. Poster to be presented at the annual convention of the American Speech Language Hearing Association, November 18-20 2021. Washington D.C.
2. **Riès, S.**, Duffy, T. S.*, Fung, M. E.*, Sperling, C.*, Rosen, C. L.*, Shih J., Ben-Haim, S., Halgren, E., McDonald, C. (2021) Picture Naming and Word Retrieval Deficits in Patients with Epilepsy. Poster to be presented at the annual meeting of the Academy of Aphasia, October 24-26 2021. Online conference.
3. Anderson, E.J.*, Dickey, C. *, Andrade, K. *, McDonald, C., Lee, D.J., Kansal, L., Yoshii-Contreras, J., Shih, J., Ben-Haim, S., Halgren, E., **Riès, S.** (2021) Intracranial electroencephalographic signatures of word retrieval in individuals with intractable epilepsy. Poster to be presented at the annual meeting of the Society for the Neurobiology of Language, October 5-8 2021. Online conference.
4. Andrade, K.*, Sperling, C.*, Toohey, O.*, McDonald, C., Lee, D.J., Kansal, L., Yoshii-Contreras, J., Shih, J., Ben-Haim, S., Halgren, E., **Riès, S.** (2021) Self-monitoring during speech production in a picture-naming and conflict-inducing spatial Stroop task. Poster to be presented at the annual meeting of the Society for the Neurobiology of Language, October 5-8 2021. Online conference.
5. Meade, G.*, Andrade, K.*, Sperling, C.*, McDonald, C., Lee, D.J., Kansal, L., Yoshii-Contreras, J., Shih, J., Ben-Haim, S., Halgren, E., **Riès, S.** (2021) Spatio-temporal dynamics of phonological neighborhood effects in a picture-naming task. Poster to be presented at the annual meeting of the Society for the Neurobiology of Language, October 5-8 2021. Online conference.

6. Mai, A., **Riès, S.**, Ben-Haim, S., Shih, J., & Gentner, T. (2021) Phonemic category & higher-order acoustic features jointly drive neural response to speech. Poster to be presented at the annual meeting of the Society for the Neurobiology of Language, October 5-8 2021. Online conference.
7. Mai, A., **Riès, S.**, Ben-Haim, S., Shih, J., & Gentner, T. (2021) Phonological contrasts are maintained despite neutralization: an intracranial EEG study. Poster to be presented at the Annual Meeting on Phonology, October 1-3 2021. Online conference hosted by the University of Toronto and York University.
8. Martinez, P.*, Barragan Diaz, A.*, Robinson Anthony, J., Blumenfeld, H., **Riès, S.** (2021) Poster presented at the International Symposium on Bilingualism, July 10-14 2021. Online conference.
9. Sperling, C.*, Andrade, K.*, Rosen, B., McDonald, C., Lee, D. J., Kansal, L., Yoshii-Contreras, J., Shih J., Ben-Haim, S., Halgren, E., Ashrafi, A., **Riès, S.** (2021) Detecting Interactive Speech Monitoring Activity During Speech Production: A Graph Signal Processing Approach. Poster presented at the annual meeting of the Cognitive Neuroscience Society, March 13-16 2021. [format changed to a virtual conference].
10. Anderson, E.J.*, Midgley, K.J., Holcomb, P.J., **Riès, S.** (2020). Taxonomic and thematic semantic relationships in picture naming. Poster presented at the Society for the Neurobiology of Language, October 21-24 2020. Philadelphia, PA [format changed to a virtual conference].
11. Anderson, E. *, & **Riès, S.** (2020). Electroencephalographic signatures of word retrieval in patients with left anterior versus posterior stroke-induced lesions. Poster to presented at the Academy of Aphasia on October 18th 2020. Philadelphia, PA [format changed to a virtual conference].
12. **Ries, S.**, Nadalet, L.*, Mickelsen, S.*, Mott, M.*, Midgley, K.J., Holcomb, P.J., Emmorey, K. (2018). Language output monitoring in sign production: an electroencephalographic study. Annual meeting of the Neurobiology of Language, August 16-18 2018, Quebec City, Canada.
13. Pinet, S., Nozari, N., Knight, R.T., **Ries, S.** (2018). Overcoming the challenges of electrophysiology recordings during multi-word speech production. Annual meeting of the Neurobiology of Language, August 16-18 2018, Quebec City, Canada.
14. Mickelsen, S.*, Nadalet, L.*, Mott, M.*, Midgley, K.J., Holcomb, P.J., Emmorey, K., **Ries, S.** (2018). Language output monitoring in sign production: an electroencephalographic study. Annual meeting of the Cognitive Neuroscience Society, March 24-27 2018. Boston, MA, USA.
15. **Ries, S.**, Cavalea, A.*, Tengberg, C.*, Haaland, K.Y., Knight, R.T., Dronkers, N.F. (2018). Left temporal lesions and inner speech monitoring in language production: an

electroencephalography and neuropsychological study. Annual meeting of the Cognitive Neuroscience Society, March 24-27 2018. Boston, MA, USA.

16. **Ries S.**, Piai V., Perry D., Griffin S., Jordan, K., Knight R., Berger M. (2017). Dissociating the roles of ventral versus dorsal pathways in language production: an awake language mapping study. Annual meeting of the Society for the Neurobiology of Language, November 9-11 2017, Baltimore, USA.
17. **Ries, S.**, Mendoza, M.*, Knight, R. T. (2017). Investigating the link between linguistic and non-linguistic cognitive control in bilinguals. International Conference for Cognitive Neuroscience, August 5-8 2017, Amsterdam, The Netherlands.
18. Mendoza, M.*, **Ries, S.** (2017). Investigating the link between linguistic and non-linguistic cognitive control in bilinguals. International Symposium on Bilingualism, June 11-15 2017, Limrick, Ireland.
19. **Riès, S.***, Anders, R.*, van Maanen L., Alario, F.-X. (2016). Lesions to the Left Lateral Prefrontal Cortex Impair Decision Threshold Adjustment for Lexical Selection. 9th international workshop on language production, San Diego, 07/25-27/2016. * co-first authorship
20. **Ries, S.**, King-Stephens, D., Laxer, K. D., Weber, P. B., Kuperman, R. A., Auguste, K. I., Brunner, P., Schalk, G., Parvizi, J., Crone, N., Dronkers, N. F., and Knight, R. T. (2015). Distinct temporal and prefrontal contributions to word retrieval in picture naming? Poster presented at the annual meeting of the Society for the Neurobiology of Language, Chicago, Illinois, USA, 10/15-17/2015.
21. **Ries, S.**, Dhillon, R.*, Clarke, A., King-Stephens, D., Laxer, K. D., Weber, P. B., Kuperman, R. A., Auguste, K. I., Brunner, P., Schalk, G., Lin, J., Parvizi, J., Crone, N., Dronkers, N. F., and Knight, R. T. (2015). Spatio-temporal dynamics of the lexical selection network in speech production: Insights from electrocorticography. Talk given at the European Society for Cognitive Psychology, September 17-20, Paphos, Cyprus.
22. **Ries, S.**, Dhillon, R.*, Clarke, A., King-Stephens, D., Laxer, K. D., Weber, P. B., Kuperman, R. A., Auguste, K. I., Brunner, P., Schalk, G., Parvizi, J., Crone, N., Dronkers, N. F., and Knight, R. T. (2015). Spatio-temporal dynamics of the lexical selection network in speech production: Insights from electrocorticography. Poster and talk (in data blitz session) presented at the Cognitive Neuroscience Society, March 28-31 2015, San Francisco.
23. **Riès, S.**, Dhillon, R.*, King-Stephens, D., Laxer, K.D., Weber, P.B., Kuperman, R.A., Auguste, K.I., Parvizi, J., Dronkers, N.F., and Knight, R.T. (2014). Spatio-temporal dynamics of the lexical selection network in speech production: Insights from electrocorticography. Poster presented the annual meeting of the Society for the Neurobiology of Language in Amsterdam, the Netherlands, 08/27-29/2014.

24. **Riès, S.**, de Zubicaray, G.I., Fraser, D.*, and McMahon, K.L. (2014). An electrophysiological investigation of the distractor frequency effect in picture-word interference. Poster presented at the annual meeting of the Society for the Neurobiology of Language in Amsterdam, the Netherlands, 08/27-29/2014.
25. **Riès, S.**, Greenhouse I., Dronkers, N., Haaland, K. and Knight, R. T. (2014). Double dissociation of the roles of the left and right prefrontal cortices in anticipatory regulation of action. Poster presented at the International Cognitive Neuroscience Conference (ICON) in Brisbane, Australia, 07/27-31/2014.
26. **Riès, S.**, Xie, K.*, Haaland, K., Dronkers, N. and Knight, R. T. (2013). Distinct networks are involved in speech versus non-speech monitoring. Poster presented at the annual meeting of the Society for the Neuroscience, San Diego, California, 11/9-13/2013. Presentation 848.05/BBB8.
27. **Riès, S.**, Xie, K.*, Haaland, K., Dronkers, N. and Knight, R. T. (2013). Distinct networks involved in speech versus non-speech monitoring. Poster presented at the annual meeting of the Society for the Neurobiology of Language, San Diego, California, 11/6-8/2013.
28. **Riès, S.**, Dronkers, N.F., Knight, R.T. (2012) Left Fronto-Posterior interactions underlie lexical selection in speech production: Neuropsychological and EEG evidence. Annual Meeting of the Society for Neuroscience, New Orleans, Louisiana, 10/13-17/2012. Presentation 595.12.
29. Llorens, A.*, Trebuchon, A., **Riès, S.**, Alario, F.-X., Liegeois-Chauvel, C. (2012) Spatiotemporal dynamics of picture naming: Elusive semantic effects but clear protocol modulations. 7th international workshop on language production, New York City, 07/18-20/2012.
30. Kaltwasser, L.*, **Riès, S.**, Sommer, W., Knight, R. & Willems, R. (2012) Independence of valence and reward in emotional word processing. 1st Conference of the European Society for Cognitive and Affective Neuroscience, Marseille, France, 05/09-12/2012.
31. **Riès, S.**, Janssen, N., Alario, F.-X. and Burle, B. (2012) About to speak...: Spatio-temporal brain dynamics of word production. 1st Conference of the European Society for Cognitive and Affective Neuroscience, Marseille, France, 05/09-12/2012.
32. Llorens, A., Trebuchon, A., **Riès, S.**, Alario, F.-X., Liegeois-Chauvel, C. (2011) Spatiotemporal dynamics of picture naming: Elusive semantic effects but clear task modulations during word production. 3rd annual neurobiology of language conference, Annapolis, 11/10-11/2011.
33. **Riès, S.**, Burle, B., and Alario, F.-X. (2011) Electrophysiology of speaking: Spatio-temporal dynamics of word selection. Cognitive Neuroscience Society Annual Meeting, San Francisco, 04/2-5/2011.

34. **Riès, S.,** Burle, B., and Alario, F.-X. (2010) Electrophysiology of speaking: Exploring the spatio-temporal dynamics of word selection. 2nd annual neurobiology of language conference, San Diego, 11/11-12/2010.
35. **Riès, S.,** Legou, T., Malfait, N., Burle, B., and Alario, F.-X. (2010) Why is Naming Longer than Reading? Contribution of Articulatory Processes. [Pourquoi dénommer des dessins prend plus de temps que de lire des mots? Contribution des processus articulatoires.] Invited Presentation at the 52nd Congress of the French Society for Psychology, Lille, France. 09/7-9/2010.
36. **Riès, S.,** Burle, B., and Alario, F.-X. (2010) Spatio-temporal dynamics of contextual semantic interference in picture naming. 6th International workshop in language production, Edinburgh, 09/2-4/2010.
37. **Riès, S.,** Janssen, N., Dufau, S., Alario, F.-X. and Burle, B. (2009) An electroencephalographic study of speech monitoring. Talk given at the European Society for Cognitive Psychology Conference (ESCoP) 2009. Krakow, Poland. 09/2-5/2009.
38. **Riès, S.,** Janssen, N., Dufau, S., Alario, F.-X. and Burle, B. (2009) Speech monitoring vs. monitoring of speech: Electroencephalographic evidence for an aspecific monitoring process. Association for Psychological Science (APS) annual convention. San Francisco, USA. May, 22-25, 2009.
39. **Riès, S.,** Janssen, N., Dufau, S., Alario, F.-X. and Burle, B. (2008) Characterization of electroencephalographic (EEG) components elicited by overt speech production in the picture naming task. 5th International Workshop on Language Production. Annapolis, Maryland, USA. July, 28-30, 2008.

Scholarly Awards

1. Fellow of the American Speech-Language-Hearing Sciences Lessons for Success program in April 2018.
2. Fellow of the GREW (Grants and Research Enterprise Writing) Fellowship at SDSU in June 2017.
3. Master's degree merit award: Scholarship provided by the Region P.A.C.A. (Provence Alpes Côtes d'Azur). Sep. 2006 to June 2007.
4. Scholarship awarded by the Cognitive Science Society and European Cognitive Science society to attend to the 16th International Summer School in Cognitive Sciences, Sofia, Bulgaria. July 6-23/2009.

Funded Research Grants

1. SDSU Summer Undergraduate Research Program award. Project title: Word retrieval in Spanish-English Bilinguals. Award period: May 24th to August 10th 2021. Amount: \$3,000.
2. College of Health and Human Services COVID-Affected Research Enterprise Stimulus (CARES) Awards (PI). Project Title: Word Retrieval in Spanish English Bilinguals – A Large Scale Behavioral Study. Grant Period: 07/16/2020 to 07/31/2021. Total direct costs: \$7,500.
3. SDSU Summer Undergraduate Research Program award. Project title: Brain network supporting word retrieval in patients with temporal lobe epilepsy. Award period: July 7th to August 14th 2020. Amount: \$2,620.59
4. Early Career R21 grant from the National Institute on Deafness and Other Communication Disorders of the National Institutes of Health under Award Number 1R21DC016985 (PI). Project title: Brain dynamics of lexical retrieval after left hemisphere stroke. Grant period: 09/01/2019 - 08/31/2022.
5. Innovative Research Grant from the KAVLI institute under award number 117447539 (co-PI, in collaboration with Eric Halgren, Jerry Shih, and Sharona Ben-Haim, UCSD). Cognitive control of word retrieval in speech production through cortical layers. Grant period: 07/01/2019 – 06/30/2020.
6. New Century Scholars Research Grant. Ries, S. (PI). Word retrieval in Spanish-English bilinguals after stroke. Award period: January 2019 – December 2020.
7. Center for Clinical and Cognitive Neuroscience award from the Collaborative Pilot Grant Program in collaboration with Dr. Karen Emmorey. Project title: Neurophysiological correlates of language monitoring in spoken versus sign-language production. Award period: August 2017 to June 2018.
8. SDSU Summer Undergraduate Research Program award. Project title: Brain pathways supporting speech monitoring in stroke-induced aphasia: a project using diffusion-weighted magnetic resonance imaging (MRI). Award period: May to August 2018.
9. SDSU Summer Undergraduate Research Program award. Project title: Brain mechanism underlying error awareness in stroke-induced aphasia. Award period: May to August 2017.
10. SDSU University Grants Program (UGP) award. Project title: Brain dynamics of compensatory mechanisms for word retrieval after left prefrontal damage. Grant period: 2/2017 to 12/2018.

11. Grant from the France-Berkeley Fund to support a starting collaboration between the Knight Cognitive Neuroscience Laboratory and the Speech in Noise team of the Laboratory on Language, Brain and Cognition (L2C2) in Lyon, France.

Funded Training Grants

1. Ruth L. Kirschstein Individual Predoctoral (NRSA) from the National Institute on Deafness and Other Communication Disorders of the National Institutes of Health under award number: 1F30DC019024-02 (Consultant, Applicant: Joshua McCall, Sponsor: Dr. Peter Turkeltaub). Project Title: Investigating the Neurocognitive Mechanisms of Error Monitoring in Aphasia. Grant Period: 09/08/2020 to 09/07/2025. Total direct costs: \$217,200
2. Ruth L. Kirschstein National Research Service Award (NRSA) from the National Institute on Deafness and Other Communication Disorders of the National Institutes of Health under Award Number F32DC013245. Project title: Brain dynamics of lexical selection in speech production. Grant period: 07/01/2013 until 08/18/2016.
3. Post-doctoral grant from the Fyssen foundation: Spatio-temporal brain dynamics of lexical selection in speech production. Grant period: 01/23/2011 until 01/24/2013.
4. Ph.D grant from the French Ministry of Research (MENRT). Doctoral dissertation research: Brain Dynamics of Cognitive Control in Speech Production: a focus on lexical selection and monitoring. Grant period: 09/01/2007 until 09/30/2010.

Participation in Professional Associations

1. Member of the Academy of Aphasia (2014-Present)
2. Member of the Society for the Neurobiology of Language (2010-Present)
3. Member of the Society for the Neuroscience (2012, 2014, 2016, 2018-2022)
4. Member of the European Society for Cognitive Psychology (2009, 2015)
5. Member of the Cognitive Neuroscience Society (2011, 2014, 2015, 2018, 2021)

Student supervision and co-supervision: (co-supervision indicated next to student's name)

Doctoral Committees

2020-2022	Mccall, J., Georgetown University, PhD Program in Neuroscience, External committee member and consultant on F30 award.
2021-2022	Akhavan, N., SDSU/UCSD Joint Doctoral Program in Language and Communicative Disorders, Committee member.
2021-2023	McGarry, M., SDSU/UCSD Joint Doctoral Program in Language and Communicative Disorders, Committee member.
2021-2024	Garcia, D., SDSU/UCSD Joint Doctoral Program in Language and Communicative Disorders, Committee member.

Masters Committees

2017-2019	Rohilla, R., SDSU Masters Program in Electrical Engineering, co-mentor and committee member.
2018-2020	Sperling, C., SDSU Masters Program in Electrical Engineering, co-mentor and committee member.
2020-2021	Fera, C., SDSU Masters Program in Electrical Engineering, committee member.

Student supervision and co-supervision: (co-supervision indicated next to student's name)

Name	Level	Dates	Project			
			1	2	3	4
		F: Fall; S: Spring; Sum: Summer				
Yusheng Wang (co-supervision)	PhD	F21-	X			
Kayla Herbert	UG	F21-	X	X		
Hallie Dawson	UG	F21-	X	X		
Valeria Ruvalcaba	UG	S21-			X	
Sabrina Shaw	MA	Sum21-			X	
Adelaida Sandoval	UG	S21-			X	
Andrea Galvez-McDonough ^a	UG	S21-			X	
Erica Johnson	MA	S21-	X			
Coral Rodriguez	UG	S21-		X		
Katherine Andrade ^b	PhD	F20-		X		
Anna Panganiban ^b	UG	S20-S21		X		
Austin Hahn ^b	UG	S20-S21		X		
Olivia Toohey ^b	UG	S20-S21		X		
Julia Devore	UG	S20-S21	X	X		
Daria Dragicevic ^{ab}	UG	Sum20-S21		X		
Valeria Garcia ^b	MA	S19-S20			X	
Michelle Fung ^b	MA	Sum19-Sum20		X		
Madelin Chavez ^b	UG	S19-S20			X	
Samantha Esquivel ^b	UG	S19-S20			X	
Natalia Pallis-Hassani	UG	S19-S20	X			
Elizabeth Anderson ^b (co-supervision)	PhD	F18-	X	X		
Tiffany Duffy ^b	MA	F18-S21	X	X		
Connor Sperling ^b	MS	F18-F20		X		
Ashley Crowell	UG	F18-F20	X			
Samantha Mitten	UG	F18-F20	X			
Karinne Nevarez ^b	UG	F18-F20			X	
Kassandra Peña ^b	UG	F18-F20			X	
Linda Nadalet ^b	MA	F17-Sum20			X	X
Alyssa Zidek ^{ab}	UG	S18-S19	X			
Rohan Rohilla ^b	MS	F17-S19		X		

Veronica Kneram ^b	UG	F17-S19	X			
Madeline Furdek ^b	UG	F17-S19	X			
Chase Tengberg ^{ab}	UG	F16-S19	X			
Kimaya Desai ^b	MS	F16-S18	X	X		
Alexa Cavalea ^b	UG	S17-S18	X			
Charlene Parle	MA	S17-S18	X			
Soren Mickelsen ^b	MA	F17-S18				X
Kayla Piorkowski	MA	F16-S17	X			
Martha Mendoza (co-supervision)	UG	F14-Sum16			X	

^a Student completed the SDSU Summer Undergraduate Research Program

^b Student presented at the Student Research Symposium

Project descriptions (see Funded Research Grants for award details)

1. 2016-present: Brain dynamics of lexical retrieval after left hemisphere stroke. Funded through the SDSU University Grants Program and Summer Undergraduate Research Program, and Early Career R21 grant from the National Institute on Deafness and Other Communication Disorders.
2. 2017-present: Brain network supporting word retrieval and speech monitoring in patients with temporal lobe epilepsy. Funded through the SDSU University Grants Program and Summer Undergraduate Research Program, and Innovative Research Grant from the KAVLI Institute for Brain and Mind.
3. 2018-present: Word retrieval in Spanish-English bilinguals. Funded through the American Speech-Language-Hearing Foundation, the SDSU Summer Undergraduate Research Program and the College of Health and Human Services COVID-Affected Research Enterprise Stimulus (CARES) Awards.
4. 2017-2020: Neurophysiological correlates of language monitoring in spoken versus sign language production. Funded through the Center for Clinical and Cognitive Neuroscience.

Participation in Teaching Training:

- June 8th-26th 2020 SDSU Flexible Course Design Summer Institute
- September 6th 2019 Inclusive Pedagogy workshop offered by the SDSU Office of Inclusion and Diversity
- April 10th 2019 CTL Lunch and Learn: Implicit Bias and Microaggressions
- December 6th 2018 CTL Lunch and Learn: Are you an effective teacher?
- April 18th 2018 CTL Lunch and Learn: Student-Centered Assessment II: Summative Assessment.
- February 10-15 2018 CTL Open Classroom event: attended two classes outside of my school and college to be exposed to different teaching styles and techniques.

- February 2nd 2018 CTL Lunch and Learn: Collaborative Learning: Group Works that Works
- October 24th 2017 CTL Lunch and Learn: Riding the Data Wave: and Using Predictive Analytics and Blackboard Data to Support Student Success.
- October 10th 2017 Using Contemplative Techniques in the Classroom
- March 13th 2017 CTL Lunch and Learn: Understanding and maximizing bilingualism as a classroom resource
- November 2nd 2016 CTL Lunch and Learn: Resources for students in emotional distress

Service for the Department

- 2018-present: SLHS curriculum committee
- 2017-present: Organization of the SLHS Lecture Series
- 2018-present: SLHS Admissions committee for Masters program in Speech-Language Pathology
- 2016-present: SLHS Special Events Committee
- 2016-present: SLHS Social Media/Outreach Liaison
- 2017-2018: SLHS Research Gatherings Initiator and Organizer

Service for the College

- 2019-2021: CHHS Research & Scholarly Activity Committee
- 2020-present: CHHS Research & Scholarly Activity Committee Chair

Service for the University

- 2017-2022: Judge for the SDSU Student Research Symposium

Service for the Community

- June 2018 & August 2019: Organization of the 1st and 2nd San Diego intracranial EEG workshops at UCSD Medical center.

Spring 2017 and 2019: Organization of educational and science outreach activities to familiarize elementary school students with the human brain.

Service for the Profession

Summer 2021: Participation in the NIMH-sponsored ERP Boot Camp hosted by Drs. Emily Kappenman and Steve Luck: hosted a paper dissection activity and expert consultations.

Summer 2021: Reviewer for ASHA's Students Preparing for Academic-Research Careers (SPARC) Awards.

Summer 2021: Conference abstract reviewer for the American Speech-Language Hearing Association (ASHA).

Summer 2020: Participation in ASHA's Grant Review & Reviewer Training program.

2019- present: Consulting Editor for Psychonomic Bulletin and Review

2018-Present: Academic Editor for Plos One

2018-Present: Reviewer for the Insight Grant of the Social Sciences and Humanities Research Council of Canada

2018-Present: Conference abstract reviewer for the Society for the Neurobiology of Language

2011- Present: Scientific reviewer for:

- Journal of Neuroscience
- Cognition
- Trends in Cognitive Sciences
- NeuroImage
- Cerebral Cortex
- Neuropsychologia
- Brain and Language
- Plos One
- Quarterly Journal of Experimental Psychology
- Journal of Memory and Language
- Journal of Neurolinguistics
- Frontiers in Psychology
- The Journal of the Acoustical Society of America
- Psychologie Française

For a complete list of peer reviews since 2016, please see my record in publons: <https://publons.com/researcher/1479102/stephanie-ries/peer-review/>