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## 1. Message from the Director

It is a great pleasure for us to update our partners, collaborators and friends on activities related to the Words in the World project. It has been an exciting year and we are also gearing up for a number of new initiatives in 2018.



Project Director Gary Libben

Personally, it is a great privilege for me to be working with so many gifted and dedicated colleagues who are advancing our knowledge on the nature of language and language processing and making advances that impact the lives of persons in their communities and around the world. The Words in the World grant is, first and foremost, a training initiative dedicated to creating advantages for developing researchers and the next generation of research leaders. In this Newsletter, we highlight reports on some of the 2017 training events and initiatives as well as new opportunities for research development and dissemination.

## 2. New publication: **Frontiers in Communication Research Topic**

The Words in the World Project has launched a “Research Topic” in *Frontiers in Communication Research*.

The goal of this Research Topic is to bring together the latest insights, findings, methodologies, and analytic techniques that advance the understanding of lexical knowledge and lexical ability, particularly in relation to real-world communication.

*Frontiers in Communication* is an open access journal that will allow research conducted within the network to have impact in domains that are outside the scope of traditional psycholinguistic publication venues. The Words in the World project has committed to covering the Author Fees for up to a dozen articles submitted by members of the Words in the World project. This support will be available to all collaborators and partners. The Research Topic will be edited by Gary Libben, Gonia Jarema, Juhani Järviö, Eva Kehayia, and Victor Kuperman. We invite you to submit an abstract of original research that addresses one or more of the topics below:

- New perspectives on the nature of lexical representation in the mind and brain
- New methodologies for the study of lexical processing
- New corpus resources, statistical techniques, and data visualization tools that can reveal the dynamic interaction of variables involved in lexical processing
- Studies of individual differences in lexical processing
- Studies of language and/or cultural effects in lexical processing
- Studies of lexical processing across the lifespan
- Studies of situational effects in lexical processing
- Reports of application of lexical processing research to the solution of real-world challenges.

We are particularly interested in submissions that are co-authored by established researchers and trainees (e.g., students and/or post-doctoral researchers). Abstracts should be submitted through the *Frontiers Research Topic* page for Words in the World.

More information can be found here:

<https://www.frontiersin.org/research-topics/6847/words-in-the-world>

#### DEADLINES:

The deadline for Abstract submission is **January 31, 2018**.

The deadline for Article submission is **July 31, 2018**.

### **3. Invitations for Collaboration**

All members of the Words in the World network are invited to communicate their research needs across the network using our Invitation to Collaborate form and forum. For information, please visit the “Invitations for Collaboration” section of the Words in the World website, located at:

<http://wordsintheworld.ca/research/invitations-for-collaboration/>.

Note: Please email us at [info@wordsintheworld.ca](mailto:info@wordsintheworld.ca) if you need the password.

There are currently two projects looking for expertise:

i) Dr. Gomez (DePaul University) is seeking collaborators to work on a tutorial for quality systems for psycholinguistic data.

ii) Dr. Azevedo (University of Montreal/McGill University), Dr. Kehayia (McGill University), and Dr. Jarema (University of Montreal) are seeking collaborators for a study on lexicality processing in Alzheimer’s Disease and healthy aging.

For more information on these projects, please visit the Invitations for Collaboration page.

### **4. Spring Training in Psycholinguistics at the CCP 2017**

From May 15 – 20, Canadian and international trainees travelled to Edmonton, Canada for STEP@CCP 2017, the Centre for Comparative Psycholinguistics’ annual spring training event in experimental psycholinguistics. Topics covered at STEP included using R for linear mixed effects modeling and data visualization, scientific writing, and eye-tracking and pupilometry. We would like

to congratulate Juliana McLaren and Mahsa Morid, both from the University of Ottawa, on their success as this year's recipients of the Advanced Training Student Awards.

STEP@CCP 2018 is scheduled to take place from May 14 – 19, 2018.

### **5. Brock University & SHARCNet: EEG Analysis Workshop**

The Brock University & SHARCNet: EEG Analysis Workshop was held from April 24 – April 28, 2017. Presented by Sid Segalowitz, James Desjardins, and Stefon van Noordt, this workshop offered in-depth and hands-on training in advanced EEG/ERP techniques, beginning with traditional ERP analysis and then moving into source estimation and Independent Component Analysis. This year, Brock hosted 32 attendees from 10 separate locations. We would like to congratulate the recipient of the Annual EEG/ERP Workshop Advanced Training Student Award, Narcisse Torshizi (McMaster University).

### **6. Upcoming International Conference on the Mental Lexicon**

After twenty years on the road, the International Conference on the Mental Lexicon returns to Edmonton, where it was first launched in 1998. This 11th conference in the series will take place at the Delta Hotel, Edmonton City Centre, Alberta, Canada from September 25 – 28, 2018.

Please, save the date and join us in this special occasion to celebrate the successful decades of the conference and to steer the future of mental lexicon research!

The call for papers will be announced in December 2017.

### **7. McMaster Workshop: Contrasts and interactions in linear mixed effects models**

Dr. Sascha Schroeder of the Max Planck Institute for Human Development, Berlin, was in Hamilton the weekend of November 4 – 5 to give a workshop delving into contrasts and interactions in linear mixed effects models. Twenty-two trainees and collaborators from Words in the World sites across Canada attended the event, which was organized by Dr. Victor Kuperman and held at

McMaster University. Attendees were led through an in-depth discussion of contrast coding in R and its applications in analysis, which was supported by small-scale tutorials. On the second day, the discussion moved on to interactions in mixed effects models, concluding with analyzing interactions between continuous variables. The day ended with a tutorial on how to best report results from this type of analysis. We are very grateful to Dr. Schroeder for so generously sharing his knowledge and insight with us.



Day Two of the workshop on contrasts and interactions in linear mixed effects models at McMaster University

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*If you have something you would like to include in the next newsletter, please contact us at [info@wordsintheworld.ca](mailto:info@wordsintheworld.ca).*



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