

## POSITIONS HELD

### Australian Catholic University

- January 2022 – Senior Lecturer (Level C, continuing), National School of Education
- 2020 –2021 Sessional Lecturer & Senior Research Assistant, National School of Education & Institute for Learning Sciences and Teacher Education.

### The University of Sydney

- July 2021 – Dec. 2021 Research Fellow (Level B), Department of Sociology and Social Policy (0.5FTE)
- 2020 – 2021 Sessional Lecturer & Research Assistant, Department of Linguistics & School of Mathematics and Statistics
- 2017 –2020 Lecturer (Level B), Department of Linguistics (Teaching-focused 0.5 FTE 2017-2019, Research/Teaching 1FTE 2019-2020)
- 2017 –2019 Research Fellow (Level B), LCT Centre for Knowledge-Building (0.5FTE)

## EDUCATION

- 2016 **PhD**, Department of Linguistics, The University of Sydney  
Thesis: *Knowledge in Physics through Mathematics, Image and Language*.
- 2010 **Bachelor of Liberal Studies (Honours I)** Linguistics, Physics. The University of Sydney.  
Thesis: *Knowledge and Multisemiosis in Undergraduate Physics*.

## PUBLICATIONS

### Books

- (1) **Doran, YJ**. 2018. *The Discourse of Physics: Building Knowledge through Language, Mathematics and Image*. London: Routledge.

### Forthcoming Books

- (2) **Doran, YJ**, Martin, JR & Zappavigna, M. forthcoming. *Affiliation and Systemic Functional Linguistics: Negotiating Community*. London: Equinox. Under contract, Submission mid 2022.

### Edited Books

- (3) Maton, K, Martin, JR & **Doran, YJ**. 2021. *Teaching Science: Knowledge, Language, Pedagogy*. London: Routledge.
- (4) Martin, JR, **Doran, YJ** & Figueredo, G. 2020. *Systemic Functional Language Description: Making Meaning Matter*. London: Routledge.
- (5) Martin, JR, Maton, K & **Doran, YJ**. 2020. *Accessing Academic Discourse: Systemic Functional Linguistics and Legitimation Code Theory*. London: Routledge.
- (6) Martin, J.R & **Doran, YJ**. 2015. *Grammatics*. Vol. 1, Systemic Functional Linguistics: Critical Concepts in Linguistics. London: Routledge.
- (7) Martin, JR & **Doran, YJ**. 2015 *Grammatical Descriptions*. Vol. 2, Systemic Functional Linguistics: Critical Concepts in Linguistics. London: Routledge.

- (8) Martin, JR & **Doran, YJ**. 2015. *Around Grammar: Phonology, Discourse Semantics and Multimodality*. Vol. 3, Systemic Functional Linguistics: Critical Concepts in Linguistics. London: Routledge.
- (9) Martin, JR & **Doran, YJ**. 2015. *Context: Register and Genre*. Vol. 4, Systemic Functional Linguistics: Critical Concepts in Linguistics. London: Routledge.
- (10) Martin, JR & **Doran, YJ**. 2015. *Language in Education*. Volume 5, Systemic Functional Linguistics: Critical Concepts in Linguistics. London: Routledge.

Edited Journal Special Issues

- (11) Martin, JR, **Doran, YJ** & Zhang, D 2021. *The Grammar of Nominal Groups: Systemic Functional Perspectives*. Part 1. *Word*. 67:3.
- (12) Martin, JR, **Doran, YJ** & Zhang, D. in press 2022. *The Grammar of Nominal Groups: Systemic Functional Perspectives*. Part 2. *Word*. 67:4.
- (13) Martin, JR, **Doran, YJ** & Zhang, D. in press 2022. *The Grammar of Nominal Groups: Systemic Functional Perspectives*. Part 3. *Word*. 68:1.

Journal articles

- (14) **Doran, YJ** & Bangga, LA. in press 2022. Sundanese nominal groups: Meaning in text. *Word* 68:1.
- (15) Bednarek, M, Ross, AS, Boichak, O, **Doran, YJ**, Carr, G, Altmann, EG. & Alexander, TJ. 2022. Winning the discursive struggle? The impact of a significant environmental crisis event on dominant climate discourse on Australian Twitter. *Discourse, Context and Media*. 45.
- (16) **Doran, YJ**, Caldwell, D & Ross, AS. 2021. Language in action: Sport, mode and the division of semiotic labour. *Language, Context and Text*. 3:2. 275-303.
- (17) Martin, JR, **Doran, YJ**, & Zhang, D. 2021. Nominal group grammar: System and structure. *Word*. 67:3. 248-280.
- (18) Bangga, LA & **Doran, YJ**. 2021. A Systemic Functional sketch of material clauses in Sundanese. *Word*. 67:2. 208-233.
- (19) **Doran, YJ**. 2020. Cultivating values: Knower-building in the humanities. *Estudios de Lingüística Aplicada*. 37:70. 169-198.
- (20) **Doran, YJ**. 2019. Building knowledge through images in physics. *Visual Communication*. 18(2). 251-277.
- (21) **Doran, YJ**. 2018. Intrinsic functionality of mathematics, metafunction in Systemic Functional Semiotics. *Semiotica*, 225. 457-487.
- (22) **Doran, YJ**. 2017. The role of mathematics in physics: Building knowledge and describing the empirical world. *Onomázein. Special Issue: Systemic Functional Linguistics and Legitimation Code Theory*. 209-226.
- (23) Maton, K. & **Doran, YJ**. 2017. Semantic density: A translation device for revealing complexity of knowledge practices in discourse, part 1 – wording. *Onomázein. Special Issue: Systemic Functional Linguistics and Legitimation Code Theory*. 46-76.
- (24) Maton, K & **Doran, YJ**. 2017. Condensation: A translation device for revealing complexity of knowledge practices in discourse, part 2 – clausing and sequencing. *Onomázein. Special Issue: Systemic Functional Linguistics and Legitimation Code Theory*. 77-110.

Book Chapters

- (25) **Doran, YJ**. in press. Semiotic description: Grappling with mathematics. In D Caldwell, J Knox & JR Martin (eds) *Applicable Linguistics and Social Semiotics: Developing Theory from Practice*. London: Bloomsbury.
- (26) Yu, Z, Maton, K & **Doran, Y. J.** in press. Building complexity in chemistry through images. In MA Blackie, H Adendorff & M Mouton (eds) *Enhancing Science Education: Exploring Knowledge Practices with Legitimation Code Theory*. London: Routledge.

- (27) Maton, K, **Doran, YJ**, Howard, SK, Nothman, J, Pintaldi, S & Quilpatay, M. in press. Making bigger waves in education: Automating powerful concepts to generate learning analytics. In K Bartimote-Afflick, S Howard & D Gašević (eds) *Theory informing and arising from learning analytics*. New York: Springer.
- (28) **Doran, YJ**. 2021 Multimodal Knowledge: Language, mathematics and image in physics. In K Maton, JR Martin & Y. J. Doran (eds) *Teaching Science: Knowledge, Language, Pedagogy*. London: Routledge. 162-185.
- (29) **Doran, YJ** & Martin, JR. 2021. Field Relations: Understanding scientific explanations. In K Maton, JR Martin & YJ Doran (eds) *Teaching Science: Knowledge, Language, Pedagogy*. London: Routledge. 105-133.
- (30) **Doran, YJ**, Maton, K & Martin, JR. 2021. The Teaching of Science: New Insights into Knowledge, Language and Pedagogy, In K Maton, JR Martin & YJ Doran (eds) *Teaching Science: Knowledge, Language, Pedagogy*. London: Routledge. 1-20.
- (31) Maton, K & **Doran, YJ**. 2021. Constellating Science: How relations between ideas help build knowledge. In K Maton, JR Martin & YJ Doran (eds) *Teaching Science: Knowledge, Language, Pedagogy*. London: Routledge. 49-75.
- (32) **Doran, YJ**. 2020 JR Martin, language and linguistics. In M Zappavigna & S Dreyfus (eds) *Discourses of Hope and Reconciliation: A tribute to J. R. Martin's contributions to SFL and beyond*. London: Bloomsbury. 1-20.
- (33) **Doran, YJ**. 2020. Seeing values: Axiology and affording attitude in Australia's 'Invasion'. In JR Martin, K Maton & YJ Doran (eds) *Accessing Academic Discourse: Systemic Functional Linguistics and Legitimation Code Theory*. London: Routledge. 151-176.
- (34) Martin, JR, Maton, K & **Doran, YJ**. 2020. Academic Discourse: An inter-disciplinary dialogue, in JR Martin, K Maton & YJ Doran (eds) *Accessing Academic Discourse: Systemic Functional Linguistics and Legitimation Code Theory*. London: Routledge. 1-32.
- (35) **Doran, YJ**. 2020. Academic formalisms: Toward a semiotic typology. In JR Martin, YJ Doran & G Figueredo (eds) *Systemic Functional Language Description: Making Meaning Matter*. London: Routledge. 331-358.
- (36) **Doran, YJ** & Martin, JR. 2020. Describing languages, understanding language: Systemic Functional theory and description. In JR Martin, YJ Doran & G Figueredo (eds) *Systemic Functional Language Description*. London: Routledge. 1-32.
- (37) Maton, K & **Doran, YJ**. 2017. SFL and code theory, in T Bartlett & G O'Grady (eds.) *The Routledge Handbook of Systemic Functional Linguistics*. London: Routledge. 605-618.

#### Reviews and other publications

- (38) *Systemic Functional Glossing Conventions: Conventions for interlinear unit-by-unit glosses for lexicogrammar*. Systemic Language Modelling Network. (2018) (uncredited resource developed with Giacomo Figueredo, Wang Pin & J. R. Martin).
- (39) **Doran, YJ**. 2016. Review of D. Cameron and I. Panović Working with Written Discourse. *Discourse and Communication*. 10:2. 198-200.
- (40) **Doran, YJ**. 2016. Review of S. Bullo Evaluation in Advertising Reception: A Socio-Cognitive and Linguistic Perspective. *Discourse and Communication*. 10:5. 543-545.

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#### **MEDIA OPINION PIECES**

**Doran, YJ** & Humphrey, S, *How does grammar help writing? And who should teach it?* Sydney Morning Herald 18/09/20

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**GRANTS AND SCHOLARSHIPS AWARDED**

- 2021 **ARC Discovery Project** (DP210101426) *Building on rural knowledges to unlock the potential of rural students*. \$467,340. With Prof. Karl Maton, A/Prof Sarah Howard, A/Prof. Philip Roberts, Prof. Christian Ritz, Dr Jie Yang. Project 2021-2024
- 2020 **Faculty of Arts and Social Sciences Research Support Scheme: Participant tracking and academic writing for international students**, \$6020
- 2020 **University of Sydney Strategic Education Grant – Resources for Online Learning of Linguistics**, with Prof. James Martin, \$6,000
- 2019 **Faculty of Arts and Social Sciences Research Support Scheme: Language-based pedagogies for face-to-face coaching** with Dr Andrew Ross, \$5000
- 2018 **School of Literature Art and Media Research Support Scheme: Collecting Sundanese texts**, \$2532.50
- 2017 **Australian Systemic Functional Linguistics Association Small Grant Scheme: International Systemic Language Modelling Network seed funding**, \$750
- 2011-2015 **Australian Postgraduate Award**, ~\$90,000
- 2012 **Genre 2012: International Conference on Genre Studies Scholarship**, \$450 CAD
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**INVITED KEYNOTE TALKS**

- 2019 Media positioning: Seeing multiple sides to news stories. *Symposium on Public Discourse*. Guangdong University of Foreign Studies, Guangzhou, China. November.
- Factoring out structure across language and semiosis. *Systemic Language Modelling Annual Workshop*. Pontificia Católica de Chile, Santiago, Chile. July. July 2019.
- Knower-building: Nurturing a cultivated gaze. *3<sup>rd</sup> International Legitimation Code Theory Conference*. University of Witwatersand, Johannesburg, South Africa. June 2019.
- 2018 Integrating Knowledge: Technical Images in Science. *Multimodality Symposium*. The University of New South Wales, Australia, December.
- Logical Meaning: Academic Formalisms and Semiotic Typology. *Language Typology: Functional Perspectives Forum*. The University of Sydney, Sydney, Australia. December.
- Cultivating values: Exploring knower-building in the humanities. *XIV Conference of the Latin-American Association of Systemic Functional Linguistics*. Benemérita Universidad Autónoma de Puebla, Mexico, October.
- 2017 Academic Knowledge and Technical Discourse: Why We Use Academic Formalisms. *44<sup>th</sup> International Systemic Functional Linguistics Congress*. University of Wollongong, Australia, July.
- 2016 Capturing the Meanings of a Text: The View from Discourse Semantics. *International Conference on Linguistics and Translation Studies*. Universitas Sebelas Maret, Indonesia, November.
- 2014 The View of Physics from Mathematics. *International Conference on Applicable Linguistics and Academic Discourse*. Shanghai Jiao Tong University, China, December.
- Mathematics in Scientific Discourse: Grammar and Genre. *International Conference on Applicable Linguistics and Academic Discourse*, Shanghai Jiao Tong University, China, December.
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**INVITED VISITING SCHOLAR**

- 2014 Department of English Education, Universitas Pendidikan Indonesia (Indonesian University of Education), Bandung, Indonesia.
- 2012 Physics Education Research Group, Department of Physics and Astronomy, Uppsala University, Sweden.

**INVITED CONFERENCE COURSE/SYMPOSIUM TEACHING**

- 2022 **Seoul, Korea** – June. Conference workshop, conference on New Methods of Functional Linguistics in Korea, Association of Korean Linguistics.  
*Register and Genre.*
- Shenzhen, China** – July. 3 day conference workshop, 47<sup>th</sup> International Systemic Functional Congress, Shenzhen University.  
*The Language of Science*
- 2019 **Guangzhou, China** – December. Conference workshop, Symposium on the Study of Public Discourse, Guangdong University of Foreign Studies, Guangzhou.  
*Systemic Functional Linguistics and (social) media discourse*
- Johannesburg, South Africa** – July . Conference workshop, 3<sup>rd</sup> International Legitimation Code Theory Conference, University of Witwatersrand, Johannesburg.  
*Epistemological and axiological constellations*
- 2018 **Adelaide, Australia** – September. Conference Institute, Australian Systemic Functional Linguistics Conference, University of South Australia, Adelaide.  
*Semantics and Legitimation Code Theory*
- Puebla, Mexico** – October. Pre-Congress Institute Course, XIV Conference of the Latin-American Association of Systemic Functional Linguistics, Benemérita Universidad Autónoma de Puebla.  
*Legitimation Code Theory*
- Gothenberg, Sweden** – August. The University of Gothenberg.  
*Translation Devices in Legitimation Code Theory*
- Boston, USA** – July. Pre-Congress Institute Course, 45<sup>th</sup> International Systemic Functional Linguistics Congress, Boston College.  
*Legitimation Code Theory*
- 2017 **Wollongong, Australia** – July. Post-Congress Institute Course, 44<sup>th</sup> International Systemic Functional Linguistics Congress, University of Wollongong.  
*Legitimation Code Theory*
- Sydney, Australia** – June. 2<sup>nd</sup> International Legitimation Code Theory Conference, The University of Sydney.  
*Systemic Functional Linguistics and Legitimation Code Theory*

**TEACHING EXPERIENCE – COURSE COORDINATION AND LECTURING**

Overall Student evaluations:

For the prompts: *Overall I was satisfied with the quality of teaching by the teacher(s)* (University of Sydney) and *Yaegan Doran demonstrates quality teaching* (Australian Catholic University)

**93%** of students agree/strongly agree

**4.49/5** mean, where 4 indicates an average of *agree* and 5 indicates an average of *strongly agree*

The University of Sydney average is 4.15; the Faculty of Arts and Social Sciences is 4.25; The School of Literature, Art and Media is 4.23; and the Department of Linguistics is 4.17.

Department of Linguistics, The University of Sydney

- LNGS7109 Language and Identity** 2016
- Postgraduate sociolinguistic unit focusing on language, identity and community
  - Evaluations: 100% agree/strongly agree, 4.67 mean
- LNGS2617 Cross-Cultural Communication** 2018
- 2<sup>nd</sup> Year undergraduate sociolinguistic cross- and inter-cultural communication unit
  - Evaluations: 92.6% agree/strongly agree, 4.44 mean;
  - 3 student nominated teaching commendations
- LNGS7006 Cross-cultural Communication** 2016, 2018-2019
- Core postgraduate sociolinguistic cross- and inter-cultural communication unit
  - Evaluations 2016-2019: 88.3% agree/strongly agree; 4.32 mean
  - 4 student nominated teaching commendations (1 in 2018, 3 in 2019)
- LNGS7505 Structure and Function of Language** 2020
- Core postgraduate introductory English grammar, intonation and rhythm unit in Master of Crosscultural and Applied Linguistics
  - Evaluations: 89.7%, 4.52 mean
  - 2 student nominated teaching commendations
- LNGS2624 Grammar in the World's Languages** 2019 – co-taught
- Core 2<sup>nd</sup> Year undergraduate grammar and typology unit in Linguistics major
  - Evaluations: 92.5%, 4.37 mean
- LNGS3609 Text and Context** 2018, 2020
- 3<sup>rd</sup> Year undergraduate discourse, genre and register unit
  - Evaluations 2018: 93.5%, 4.50 mean; 2020: 100%, 4.67 mean
  - 7 Student nominated teaching commendations (1 in 2018; 6 in 2020)
- LNGS7004 Register and Genre** 2017
- Core postgraduate discourse analysis unit in Master of Crosscultural and Applied Linguistics
  - Evaluations: 85.7%; 4.38 mean
  - Student nominated teaching commendation
- LNGS7504 Medical Discourse** 2019
- Applied linguistics postgraduate unit focusing on clinical linguistics
  - Included full design and development
  - Evaluations: 100%, 4.64 average;
  - 15 student nominated teaching commendations

**LNGS7274 Media Discourse** 2017, 2021

- Applied linguistics and multimodality postgraduate unit focusing on news media
- Evaluations: 95.5%, 4.50 mean
- 3 student nominate teaching commendations

**LNGS2627 Analysing (Social) Media Discourse** 2018

- 2<sup>nd</sup> Year undergraduate discourse analysis & multimodality unit on media & social media
- Included full design and development
- Evaluations: 90.5%, 4.33 mean

**LNGS7501 Professional Practice** 2017, 2019

- Capstone project postgraduate unit of Master of Crosscultural and Applied Linguistics
- Evaluations 2019: 93.8%, 4.75 mean
- 6 student nominated teaching commendations (2019)

National School of Education, Australian Catholic University

**EDSP601 Working Grammar in English and Literacy** 2020–2021

- English grammar and metalanguage unit for TESOL/EALD teachers
- 100% agree/strongly agree, 4.38 median

**EDLA618 Teaching Strategies for TESOL** 2021 – co-taught

- TESOL unit focused on pedagogy
- 75% agree/strongly agree, 4.50 median

**EDLA612 Assessment and Curriculum Design in TESOL** 2020 – co-taught

- TESOL unit focused on assessment and curriculum design
- Evaluations: 100% agree/strongly agree, 4.67 median.

Doctoral coursework units (The University of Sydney):

**Legitimation Code Theory** 2017 – co-taught

- A unit on the sociological approach of Legitimation Code Theory to linguistics research students

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**TEACHING & SUPERVISION AWARDS**

2021 *Supervisor of the Year* – Sydney University Postgraduate Representatives Association

2019 *Teacher of the Year* – Sydney University Postgraduate Representatives Association

2017 – 2021 41 x *Student-nominated Teaching Commendations*

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## CURRICULUM DESIGN

- 2019 *Full course design* – Medical Discourse. Postgraduate program, Department of Linguistics, The University of Sydney.
- 2018-2019 *Curriculum Mapping and Assessment* project (with Usyd Linguistics Chair, Monika Bednarek)  
Mapping of learning outcomes of units in Linguistics with undergraduate major, the outcomes of the Bachelor of Arts and the University's graduate qualities.
- 2017 *Full course design* –Analysing (Social) Media Discourse. Undergraduate program, Department of Linguistics, The University of Sydney.

## SUPERVISION

### Doctoral

- Completed Kirstin Wilmot, *Enacting Knowledge in Dissertations: An Exploratory Analysis of Doctoral Writing Using Legitimation Code Theory* (Auxiliary Supervisor). Accepted 2019.
- Dongbing Zhang, *Bonding and Consensus: Towards an Interpersonal Grammar of Khorchin Mongolian*. (Auxiliary Supervisor). Accepted 2020.
- Aurélie Mallet, *Australia's National Tobacco Control: A Linguistic Perspective*. (Primary) Accepted 2021
- Zhigang Yu, *Building Chemistry Knowledge: A Multisemiotic Perspective*. (Auxiliary). Accepted 2021. Nominated for Outstanding PhD Thesis Award.
- Current Laura Chen, *Knowledge and language in medical research*. (Auxiliary)
- Gyeyoung Lee, *Genre and social media reviewing* (Auxiliary)
- Lungguh Ariang Bangga, *Experiential Grammar of Sundanese* (Auxiliary)

### Masters Coursework Dissertation

- Completed Jiani Chen, *Corporate Apologies on Social Media*. Awarded High Distinction.
- Lungguh Ariang Bangga, *Sundanese transitivity: A first step into the description*. 2018, Awarded High Distinction + MAK Halliday Medal for First in Master of Applied Linguistics
- Hye Ryun Park, *Examining Korean Personal Recounts: A Systemic Functional Linguistic Perspective*. 2017, Awarded High Distinction.

## HIGHER DEGREE RESEARCH THESIS EXAMINATION

### Doctoral Thesis

- 2021 Ilse Lubbe, *An Exploration and Analysis of the Knowledge and Knower Structures and Recontextualisation Logics to Inform Accountancy Curriculum Change*. University of Cape Town, South Africa.
- 2019 Vicky Ariza, *Configuration of Writing in Higher Education: A Study of Academic Literacy in a Second Language*. Benemerita Universidad Autónoma de Puebla, Mexico
- Xueying Li, *A Study on Translation Choices for Logical Meaning from Chinese into English from a Systemic Functional Perspective*. University of New South Wales, Australia.



Masters by Research Thesis

2020 Bridgitte Maja Le Du, *Mapping Poetic Patterns of Evoked Appraisal: An Exploratory Study of Interactional Identities in a Narrative Account*. Rhodes University, South Africa.

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**UNIVERSITY ADMINISTRATIVE POSITIONS HELD**

2020 **Acting Deputy Director**, LCT Centre for Knowledge-Building, University of Sydney. January – June.

2019 – 2020 **Postgraduate coordinator**, Department of Linguistics, University of Sydney. July 2019 – February 2020.

2019 – 2020 **Director, Masters of Cross-cultural and Applied Linguistics**. Department of Linguistics, University of Sydney. July 2019 – February 2020

2019 **Course Component Coordinator of the Curriculum Transformation Project**, Department of Linguistics, The University of Sydney.

2019 **Undergraduate coordinator**, Department of Linguistics, University of Sydney. January–June 2019.

2018 – **Convener** for Educational Linguistics Node of the *Sydney for Language Research*, the University of Sydney.

2017 – **Management committee**, *Legitimation Code Theory Centre for Knowledge-Building*, The University of Sydney.

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**PROFESSIONAL ACTIVITIES AND POSITIONS HELD**

2021 – **President**, *Australian Systemic Functional Linguistics Association*.  
**Editorial Board**, *Language, Context and Text*, John Benjamins.  
**Secretary**, *MAK Halliday & Ruqaiya Hasan Archives Working Group*  
**Delegate**, *Council for the Humanities, Arts and Social Sciences (CHASS)*

2021 **Acting President**, *Australian Systemic Functional Linguistics Association*, Feb-June.

2020 – **Treasurer**, *International Systemic Functional Linguistics Association*.  
**Co-convenor**, *Sydney Systemic Functional Linguistics Seminar series*, The University of Sydney. (weekly).

2018 – 2021 **Secretary**, *Australian Systemic Functional Linguistics Association*.

2019 **Co-convenor**, *Australian Systemic Functional Linguistics Conference*, The University of Sydney, September 2019.  
**Acting Secretary**, *International Systemic Functional Linguistics Association*.  
**Co-organiser** *Symposium in Honour of Gunther Kress*, The University of Sydney, October 2019.

2013 – 2018 **Treasurer**, *Australian Systemic Functional Linguistics Association*.

2016 **Co-founder**, *International Systemic Language Modelling Network*.

2015 **Co-organiser**, *Symposium to Honour Michael Halliday in his 90<sup>th</sup> Year*. The University of Sydney, February.

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**RECENT CONFERENCE AND SEMINAR TALKS**

2021  
 Interpreting history: The role of tenor in valuing events. *Australian Systemic Functional Linguistics Conference*, University of Queensland, Australia (online), October.

Tenor relations: Enacting affiliation in dialogue. *Australian Systemic Functional Linguistics Conference*, University of Queensland, Australia (online), October.

Factoring out structure: Nuclearity, linearity and iteration. *Sydney SFL Seminar*, September

2020

Multimodal knowledge: Using language, mathematics and images in physics, *Notion* seminar series, Universitas Ahmad Dahlan, Indonesia (livestreamed online), November.

Negotiating Community: Tenor and Affiliation in English. *Sydney SFL Seminar*, October.

Context-Dependence: A Translation device for semantic gravity. *Sydney LCT Roundtable* (livestreamed online internationally), October. With Prof. Karl Maton.

Constellations and explanations: How relations among ideas might shape how to teach them. *Sydney LCT Roundtable* (livestreamed online internationally), May. With Prof. Karl Maton.

2019

Integration and iteration: Technical aggregations of images and symbols. *Multimodal Research Conference*, Auckland University of Technology, Auckland, New Zealand. December.

Material clauses in Sundanese. *46<sup>th</sup> International Systemic Functional Congress*, Pontificia Católica de Chile, Santiago, Chile. July.

Positioning values: Knower-building in the humanities. *46<sup>th</sup> International Systemic Functional Congress*, Pontificia Católica de Chile, Santiago, Chile. July.

Cultivating values: Knower-building in the humanities. *Sydney LCT Roundtable*, The University of Sydney, March; Department of English Language and Linguistics *IDEAS* seminar series, University of Wollongong. May.

2018

Groups in Sundanese: Functions of Structure. *Australian Systemic Functional Linguistics Association Conference*. University of South Australia, Australia, September.

Semantics from Legitimation Code Theory: Seeing Context-Dependence of Knowledge in Language. *Australian Systemic Functional Linguistics Association Conference*. University of South Australia, Australia, September.

Field Relations: Ideational Meaning across semiosis. *Sydney SFL Seminar*, The University of Sydney, Australia, August.

Seeing knowledge through field: Multimodal meaning in science. *9<sup>th</sup> International Conference on Multimodality*. University of Southern Denmark, Odense, Denmark. August,

Complexity and context-dependence in multimodal texts: Semantic density and semantic gravity for images and language. *9<sup>th</sup> International Conference on Multimodality*. University of Southern Denmark, Odense, Denmark. August. With Karl Maton.

Glossing conventions for Systemic Functional Linguistics. *Workshop on Functional Language Typology*. Boston, USA. July.

Complexity in images, knowledge in academic discourse. *45<sup>th</sup> International Systemic Functional Linguistics Congress*. Boston College, Boston, USA. July.

Semantic gravity: Seeing context dependence through translation devices for clausing and sequencing. *Sydney LCT Roundtable*, The University of Sydney, March. With Karl Maton.

2017

Distributed functionality: Elements of the Sundanese nominal group. *International Colloquium on Systemic Functional Language Typology*, Pontificia Universidad Católica de Chile, Santiago, Chile. November.

- Representing co-variate structures: Relations in mathematical symbolism across units. *44<sup>th</sup> International Systemic Functional Linguistics Congress*. University of Wollongong, Australia, July.
- Semantic gravity: A translation device for discourse. *2<sup>nd</sup> International Legitimation Code Theory Conference*, The University of Sydney, June, with Karl Maton.
- Seeing constellations: Grasping axiology in Australia's 'invasion'. *2<sup>nd</sup> International Legitimation Code Theory Conference*, The University of Sydney, June.
- Using LCT with SFL: Becoming bilingual with theory. *2<sup>nd</sup> International Legitimation Code Theory Conference*, The University of Sydney, June.
- Negotiating values: Affiliating and bonding over 'mummy guilt'. *Sydney SFL Seminar*, The University of Sydney, May.
- Semantic gravity: a translation device for revealing context-dependence of knowledge in discourse. *Sydney LCT Roundtable*, The University of Sydney, April. With Karl Maton.

2016

- Grasping Knowledge through Field: Understanding Explanations of Seasons and Tides. *ASFLA Annual Conference*, Australian Catholic University, Sydney, September.
- Seeing Constellations: Grasping Axiology in Australia's 'Invasion'. *Sydney LCT Roundtable*, University of Sydney, September 2016.
- Building a Semiotic Typology: Hierarchies in Mathematical Symbolism, Nuclear Equations and System Networks. *43<sup>rd</sup> International Systemic Functional Linguistics Congress*, Universitas Pendidikan Indonesia, July.

2015

- Images as Knowledge Builders in Physics. *1<sup>st</sup> International Legitimation Code Theory Conference*, Cape Peninsula University of Technology, Cape Town, South Africa. June.
- Building Knowledge in Physics through Mathematics: A View from Semantics. *1<sup>st</sup> International Legitimation Code Theory Conference*, Cape Peninsula University of Technology, Cape Town, South Africa. June.

2014

- Scientific Discourse: English, Mathematics, Images. Seminar given in the Department of English Education, Universitas Pendidikan Indonesia (Indonesian University of Education), Bandung, Indonesia, October.
- Translation Devices for Epistemic Semantic Density: Wording, Word Grouping and Clausing *Sydney LCT Roundtable*, University of Sydney, September. With Karl Maton.
- Building Knowledge in Physics through Mathematics and Image, *Sydney LCT Roundtable*, University of Sydney, September.
- Viewing Field from Mathematics in Physics. *ASFLA Annual Conference*, The University of New South Wales, Sydney. September.
- The Use of Mathematical Genres in Physics. Seminar delivered at Pontifical Universidad Católica de Chile, Santiago, Chile, April.
- Developing Descriptions of Non-Linguistic Semiosis: A Focus on Mathematical Symbolism. *41<sup>st</sup> International Systemic Functional Congress*, Universidad Nacional de Cuyo, Mendoza, Argentina. April.
- Classrooms Discourse of Physics: Multisemiosis and Instantiation. *41<sup>st</sup> International Systemic Functional Congress*, Universidad Nacional de Cuyo, Mendoza, Argentina. April 2014.

2013

- Axial Argumentation in Non-Linguistic Semiotic Resources: A Case Study of Mathematical Symbolism. *40<sup>th</sup> International Systemic Functional Congress*, Sun Yat Sen University, Guangzhou, China. June.

2012

Non-Linguistic Semiotic Resources and Genre: Mathematical Symbolism and the teaching of Physics. *Genre 2012: Rethinking Genre 20 Years Later*. Carleton University, Ottawa. June.

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### **PROFESSIONAL MEMBERSHIPS**

Australian Linguistics Society (ALS)

Applied Linguistics Association of Australia (ALAA)

Australian Systemic Functional Linguistics Association (ASFLA)

Australian Literacy Educators' Association (ALEA)

Primary English Teaching Association of Australia (PETAA)

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### **CONSULTANCY, OUTREACH, RECRUITMENT, INDUSTRY ENGAGEMENT**

2019 Delivery of Recruitment Seminar for Prospective University of Sydney Students.

2016 Consultant to the Board of Studies, Teaching and Educational Standards NSW (BOSTES) for the new NSW Higher School Certificate Physics Syllabus.

2014 Consultant for a series of professional development seminars for Mathematics teachers at Richmond High School

2014 Delivery of a public lecture at the Museum of Contemporary Art, as part of the Arts at Sydney public outreach program.

2013 Consultant for professional development in technical scientific literacy to researchers (from HDR, Postdoctoral, Academic to Professorial) at the Victor Chang Cardiac Research Centre, Sydney.