

Dr Yaegan John Doran

## PERSONAL DETAILS

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Website : [yaegandoran.com](http://yaegandoran.com)

## POSITIONS HELD

- July 2020 –  
Sessional Lecturer, School of Education, Australian Catholic University  
Honorary Associate, Department of Linguistics, The University of Sydney  
Senior Research Assistant, Institute for Learning Sciences and Teachers Education, Australian Catholic University  
Research Assistant, School of Mathematics and Statistics, The University of Sydney  
Tutor, Department of English, The University of Sydney
- July 2019 – July 2020  
Lecturer, Department of Linguistics, The University of Sydney (1.0 FTE)
- July 2017 – July 2019  
Lecturer, Department of Linguistics, The University of Sydney (0.5 FTE)
- March 2017 – March 2019  
Research Fellow, LCT Centre for Knowledge-Building, The University of Sydney (0.5FTE)
- 2016  
Sessional Lecturer and Research Assistant, Department of Linguistics, The University of Sydney.

## REFERENCES

A/Prof. Monika Bednarek, Department of Linguistics, The University of Sydney (Chair 2017-2019)

[monika.bednarek@sydney.edu.au](mailto:monika.bednarek@sydney.edu.au)

Prof. Karl Maton, Director, LCT Centre for Knowledge-Building, The University of Sydney, Post-Doctoral Supervisor:

[karl.maton@sydney.edu.au](mailto:karl.maton@sydney.edu.au)

Prof. J. R. Martin, Department of Linguistics, The University of Sydney, Doctoral supervisor

[james.martin@sydney.edu.au](mailto:james.martin@sydney.edu.au)

## 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, Y. J.** (2018) *The Discourse of Physics: Building Knowledge through Language, Mathematics and Image*. London: Routledge.

### Edited Books

- (2) Maton, K., Martin, J. R. and **Doran, Y. J.** (in press 2021) (eds) *Teaching Science: Knowledge, Language, Pedagogy*. London: Routledge.
- (3) Martin, J. R., **Doran, Y. J.** and Figueredo, G. (2020) *Systemic Functional Language Description: Making Meaning Matter*. London: Routledge.
- (4) Martin, J. R., Maton, K. and **Doran, Y. J.** (2020) *Assessing Academic Discourse: Systemic Functional Linguistics and Legitimation Code Theory*. London: Routledge.
- (5) Martin, J. R. and **Doran, Y. J.** (2015) *Grammatics*. Volume 1, Systemic Functional Linguistics: Critical Concepts in Linguistics. London: Routledge.
- (6) Martin, J. R. and **Doran, Y. J.** (2015) *Grammatical Descriptions*. Volume 2, Systemic Functional Linguistics: Critical Concepts in Linguistics. London: Routledge.
- (7) Martin, J. R. and **Doran, Y. J.** (2015) *Around Grammar: Phonology, Discourse Semantics and Multimodality*. Volume 3, Systemic Functional Linguistics: Critical Concepts in Linguistics. London: Routledge.
- (8) Martin, J. R. and **Doran, Y. J.** (2015) *Context: Register and Genre*. Volume 4, Systemic Functional Linguistics: Critical Concepts in Linguistics. London: Routledge.
- (9) Martin, J. R. and **Doran, Y. J.** (2015) *Language in Education*. Volume 5, Systemic Functional Linguistics: Critical Concepts in Linguistics. London: Routledge.

### Journal articles

- (10) **Doran, Y. J.** (2020) Cultivating values: Knower-building in the humanities. *Estudios de Lingüística Aplicada*. 37:70. 169-198.
- (11) **Doran, Y. J.** (2019) Building knowledge through images in physics. *Visual Communication*. 18(2). 251-277.
- (12) **Doran, Y. J.** (2018) Intrinsic functionality of mathematics, metafunction in Systemic Functional Semiotics. *Semiotica*, 225. 457-487.
- (13) **Doran, Y. J.** (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.
- (14) Maton, K. and **Doran, Y. J.** (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.
- (15) Maton, K. and **Doran, Y. J.** (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

- (16) **Doran, Y. J.** (in press 2021) Multimodal Knowledge: Language, mathematics and image in physics. In K. Maton, J. R. Martin and Y. J. Doran (eds) *Teaching Science: Knowledge, Language, Pedagogy*. London: Routledge.
- (17) **Doran, Y. J.** and Martin, J. R. (in press 2021) Field Relations: Understanding scientific explanations. In K. Maton, J. R. Martin and Y. J. Doran (eds) *Teaching Science: Knowledge, Language, Pedagogy*. London: Routledge.
- (18) Maton, K. and **Doran, Y. J.** (in press 2021) Constellating Science: How relations between ideas help build knowledge. In K. Maton, J. R. Martin and Y. J. Doran (eds) *Teaching Science: Knowledge, Language, Pedagogy*. London: Routledge.
- (19) Maton, K., Martin, J. R. and **Doran, Y. J.** (in press 2021) The Teaching of Science: New Insights into Knowledge, Language and Pedagogy, In K. Maton, J. R. Martin and Y. J. Doran (eds) *Teaching Science: Knowledge, Language, Pedagogy*. London: Routledge.

- (20) **Doran, Y. J.** (in press) Semiotic description: Grappling with mathematics. In D. Caldwell, J. Knox and J. R. Martin (eds) *Applicable Linguistics and Social Semiotics: Developing Theory from Practice*. London: Bloomsbury.
- (21) **Doran, Y. J.** (2020) J. R. Martin, language and linguistics. In M. Zappavigna and S. Dreyfus (ed) *Discourses of Hope and Reconciliation: A tribute to J. R. Martin's contributions to SFL and beyond*. London: Bloomsbury.
- (22) **Doran, Y. J.** (2020) Seeing values: Axiology and affording attitude in Australia's 'Invasion'. In J. R. Martin, K. Maton and Y. J. Doran (eds) *Accessing Academic Discourse: Systemic Functional Linguistics and Legitimation Code Theory*. London: Routledge.
- (23) **Doran, Y. J.** (2020) Academic formalisms: Toward a semiotic typology. In J. R. Martin, Y. J. Doran and G. Figueredo (eds) *Systemic Functional Language Description: Making Meaning Matter*. London: Routledge.
- (24) **Doran, Y. J.** and Martin, J. R. (2020) Describing languages, understanding language: Systemic Functional theory and description. In J. R. Martin, Y. J. Doran and G. Figueredo (eds) *Systemic Functional Language Description*. London: Routledge.
- (25) Martin, J. R., Maton, K. and **Doran, Y. J.** (2020) Academic Discourse: An inter-disciplinary dialogue, in J. R. Martin, K. Maton and Y. J. Doran (eds) *Accessing Academic Discourse: Systemic Functional Linguistics and Legitimation Code Theory*. London: Routledge.
- (26) Maton, K. and **Doran, Y. J.** (2017) SFL and code theory, in Bartlett, T. & O'Grady, G. (eds.) *The Routledge Handbook of Systemic Functional Linguistics*. London: Routledge. 605-618.

### Reviews and other publications

- (27) *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 and J. R. Martin).
- (28) **Doran, Y. J.** (2016) Review of D. Cameron and I. Panović Working with Written Discourse. *Discourse and Communication*. 10:2. 198-200.
- (29) **Doran, Y. J.** (2016) Review of S. Bullo Evaluation in Advertising Reception: A Socio-Cognitive and Linguistic Perspective. *Discourse and Communication*. 10:5. 543-545.

### **Forthcoming (books under contract, chapters/articles submitted and under review)**

#### Books

- (30) **Doran, Y. J.**, Martin, J. R. and Zappavigna, M. (forthcoming) *Affiliation and Systemic Functional Linguistics: Negotiating Community*. Sheffield: Equinox. Under contract, Submission June 2021.

#### Edited Journal Special Issues

- (31) Martin, J. R., **Doran, Y. J.** and Zhang, D. (eds) (2021) The grammar of nominal groups: Systemic functional perspectives. Triple special issue of *Word*. 67:2, 67:3, 67:4.

#### Journal articles

- (32) Bangga, L. A. and **Doran, Y. J.** (under review) A Systemic Functional sketch of TRANSITIVITY in Sundanese and its role in discourse. Submitted to *Word*.

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### **MEDIA OPINION PIECES**

**Doran, Y. J.** and 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**

- under review **ARC DECRA** (DE210101846) *Literacy across the curriculum: Mapping multimodal writing in Year 12*. \$438,376
- under review **ARC Discovery Project** (DP210101426) *Building on rural knowledges to unlock the potential of rural students*. \$752,446. With Prof. Karl Maton, A/Prof Sarah Howard, A/Prof. Philip Roberts, Prof. Christian Ritz, Dr Jie Yang.
- under review **ARC Special Research Initiative** (SR200200425) *Leading through language: Best practice in elite Australian sports coaching*. \$280,329. With Dr David Caldwell, A/Prof. Helen Caple, Dr Andrew Ross.
- 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**

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

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**INVITED CONFERENCE COURSE/SYMPOSIUM TEACHING**

- 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. *Legitimation Code Theory*
- Boston, USA** – July. Pre-Congress Institute Course, 45<sup>th</sup> International Systemic Functional Linguistics Congress, Boston College. *Legitimation Code Theor*
- 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*
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**TEACHING EXPERIENCE**

**Course Coordination and Lecturing**

**In The Department of Linguistics, The University of Sydney**

Student evaluations:

Overall in my lecturing, for the prompt: *Overall I was satisfied with the quality of teaching by the teacher(s):*

**93.5%** of students agree/strongly agree

**4.51/5** mean, where 4 indicates an average of *agree* and 5 indicates an average of *strongly agree*

By comparison, the 2019 University of Sydney average was 4.15; the Faculty of Arts and Social Sciences was 4.25; The School of Literature, Art and Media was 4.23; and the Department of Linguistics was 4.17.

Undergraduate

**LNGS3609 Text and Context**

2020, 2018

– 3<sup>rd</sup> Year discourse analysis unit

– Evaluations 2018: 93.5%, 4.50 mean; 2020: 100%, 4.67 mean

- 7 Student nominated teaching commendations (1 in 2018; 6 in 2020)

**LNGS2624 Grammar in the World's Languages** 2019

- Core 2<sup>nd</sup> Year grammar/morphosyntax and typology unit in Linguistics major, co-taught
- Evaluations: 92.5%, 4.37 mean

**LNGS2617 Cross-Cultural Communication** 2018

- 2<sup>nd</sup> Year sociolinguistic cross- and inter-cultural communication unit
- Evaluations: 92.6%, 4.44 mean;
- 3 student nominated teaching commendations

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

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

Postgraduate

**LNGS7505 Structure and Function of Language** 2020

- Core English grammar + intonation and rhythm unit in Master of Crosscultural and Applied Linguistics
- Evaluations: 89.7%, 4.52 mean
- 2 student nominated teaching commendations

**LNGS7504 Medical Discourse** 2019

- Applied linguistics unit focusing on clinical linguistics
- Included full design and development
- Evaluations: 100%, 4.64 average;
- 15 student nominated teaching commendations

**LNGS7501 Professional Practice** 2019, 2017

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

**LNGS7006 Cross-cultural Communication** 2019, 2018, 2016

- Core sociolinguistic cross- and inter-cultural communication unit
- Coordinated and taught with multiple sessional lecturers
- Evaluations 2016-2019: 88.3%; 4.32 mean
- 4 student nominated teaching commendations (1 in 2018, 3 in 2019)

**LNGS7004 Register and Genre** 2017

- Core discourse analysis unit in Master of Crosscultural and Applied Linguistics
- Evaluations: 85.7%; 4.38 mean
- Student nominated teaching commendation

**LNGS7274 Media Discourse** 2017

- Applied linguistics and multimodality unit focusing on news media
- Evaluations: 95.7%, 4.48 mean

**LNGS7109 Language and Identity** 2016

- Sociolinguistic unit focusing on language, identity and community
- Evaluations: 100%, 4.67 mean

Doctoral coursework

**Legitimation Code Theory**

2017 – co-taught

- Semester long course in Sydney Uni Systemic Functional Linguistics doctoral coursework program

**In the School of Education, Australian Catholic University**

**EDSP601 Special Studies – Working Grammar in English and Literacy**

2020 – co-taught

- English grammar unit focusing on the Australian curriculum, targeted at practicing and trainee teachers

**EDLA612 Assessment and Curriculum Design in TESOL**

2020 – co-taught

- TESOL unit focused on assessment and curriculum design

**Teaching awards/achievements**

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

2017-2020 38 x *Student-nominated Teaching Commendations*

**Curriculum design and development**

2019 *Full course design* – Medical Discourse. Postgraduate program, Department of Linguistics, The University of Sydney.

2018-2019 *Curriculum Mapping and Assessment* project (with 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.

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**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 July 2020.

Current Aurélie Mallet, *Australia's National Tobacco Control: A Linguistic Perspective*. (Primary)

Zhigang Yu, *Building Chemistry Knowledge: A Multisemiotic Perspective*. (Auxiliary)

Laura Chen, *Knowledge and language in medical research*. (Auxiliary)

Rurong Le, *Technicality and Knowledge-Building in Biology*. (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.

Hye Ryun Park, *Examining Korean Personal Recounts: A Systemic Functional Linguistic Perspective*. 2017, Awarded High Distinction.

Current Xiuli Li, *Calling for action in the media and social media*, submission end 2020

Li Yang, *Construing love and excitement in children's picture books*, submission end 2020

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## HIGHER DEGREE RESEARCH THESIS EXAMINATION

### Doctoral Thesis

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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## RECENT CONFERENCE AND SEMINAR TALKS

2020

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. Abstract accepted, to be delivered 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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#### 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 – **Convenor** 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

2020 **Convenor**, *Sydney Systemic Functional Linguistics Seminar series*, The University of Sydney. (weekly). Semester 1.

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.

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

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.

Reviewer, *Text and Talk; Linguistics and Education; Visual Communication; Critical Studies in Teaching and Learning; Journal of English for Academic Purposes; Lingua; Language Sciences; Mind, Culture, Activity*

Conference committee member (last 3 years):

*XXIII Foundation for Endangered Languages Conference 2019 (Sydney);*

*3<sup>rd</sup> International Legitimation Code Theory conference 2019 (Johannesburg);*

*46<sup>th</sup> International Systemic Functional Linguistics Congress 2019 (Santiago);*

*2018 Australian Systemic Functional Linguistics Association conference (Adelaide);*

*45<sup>th</sup> International Systemic Functional Linguistics Congress 2018 (Boston);*

*Australian Linguistics Society conference 2017 (Sydney);*

*International Colloquium on Systemic Functional Language Typology 2017 (Santiago);*

*44<sup>th</sup> International Systemic Functional Congress 2017 (Wollongong);*

*2<sup>nd</sup> International Legitimation Code Theory Conference 2017 (Sydney).*

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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.