

Yaegan John Doran

PERSONAL DETAILS

Postal address:

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POSITIONS HELD

- 2017 – present Lecturer, Department of Linguistics and Post-Doctoral Research
Fellow, LCT Centre for Knowledge-Building, The University of
Sydney, Australia
- 2016 Sessional Lecturer, Department of Linguistics, The University of
Sydney.
- 2014 – 2016 Tutor and Research Assistant, Department of Linguistics, The
University of Sydney.

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 – First class, Linguistics), 2nd major: 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) Martin, J. R. and **Doran, Y. J.** (2015) *Grammatics*. Volume 1, Systemic Functional Linguistics: Critical Concepts in Linguistics. London: Routledge.
- (3) Martin, J. R. and **Doran, Y. J.** (2015) *Grammatical Descriptions*. Volume 2, Systemic Functional Linguistics: Critical Concepts in Linguistics. London: Routledge.
- (4) 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.
- (5) Martin, J. R. and **Doran, Y. J.** (2015) *Context: Register and Genre*. Volume 4, Systemic Functional Linguistics: Critical Concepts in Linguistics. London: Routledge.
- (6) Martin, J. R. and **Doran, Y. J.** (2015) *Language in Education*. Volume 5, Systemic Functional Linguistics: Critical Concepts in Linguistics. London: Routledge.

Journal articles

- (7) **Doran, Y. J.** (in press) Intrinsic functionality of mathematics, metafunction in Systemic Functional Semiotics. *Semiotica*.
- (8) **Doran, Y. J.** (2018) Building knowledge through images in physics. *Visual Communication*. 18(2). Online first. Hard copy publication 2019.
- (9) **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.
- (10) 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.
- (11) 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

- (12) 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

- (13) *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).
- (14) **Doran, Y. J.** (2016) Review of D. Cameron and I. Panović Working with Written Discourse. *Discourse and Communication*. 10:2. 198-200.
- (15) **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, currently under contract and invited publications

Edited Books

- (16) Martin, J. R., **Doran, Y. J.** and Figueredo, G. (forthcoming, under contract) *Systemic Functional Language Description: Making Meaning Matter*. London: Routledge. Submission November. 2018.
- (17) Maton, K., Martin, J. R. and **Doran, Y. J.** (forthcoming, under contract) *Studying Science: Knowledge, Language, Pedagogy*. London: Routledge. Submission December 2018.

Book chapters

- (18) **Doran, Y. J.** and Martin, J. R. (invited) Field relations: Understanding scientific explanations. In K. Maton, J. R. Martin and Y. J. Doran (eds) *Studying Science: Knowledge, Language, Pedagogy*. London: Routledge.
- (19) **Doran, Y. J.** (invited) Multimodal knowledge: Language, mathematics and image in physics. In K. Maton, J. R. Martin and Y. J. Doran (eds) *Studying Science: New Insights into Knowledge and Language in Education*. London: Routledge.
- (20) **Doran, Y. J.** (invited) Toward a semiotic typology: Hierarchies in mathematical symbolism, nuclear equations and system networks. In J. R. Martin, Y. J. Doran and

G. Figueredo (eds) *Systemic Functional Language Description: Making Meaning Matter*.

London: Routledge.

- (21) **Doran, Y. J.** (invited) Why we use academic formalisms: Intrinsic and extrinsic functionality in Systemic Functional Semiotics. In D. Caldwell, J. Knox and J. R. Martin (eds) *Developing Theory: A Handbook in Applicable Linguistics and Semiotics*. London: Bloomsbury.

INVITED PLENARY TALKS

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. (2018) Logical meaning in grammar. *Language Typology: Functional Perspectives Forum*. The University of Sydney, Sydney, Australia. December.

Doran, Y. J. (2017) Academic Knowledge and Technical Discourse: Why We Use Academic Formalisms. *44th 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.

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.

TEACHING EXPERIENCE

Course Coordinator and Lecturer

Undergraduate

Cross-Cultural Communication

Department of Linguistics, The University of Sydney, semester 2 2018.

Text and Context

Department of Linguistics, The University of Sydney, semester 1 2018.

Analysing (Social) Media Discourse

Department of Linguistics, The University of Sydney, semester 1 2018.

Included full development of the course materials and design of the program as it was the first time the course had been run.

Postgraduate

Cross-Cultural Communication

Masters of Applied Linguistics program, Department of Linguistics, The University of Sydney. 2016 Semester 2, 2018 Semester 2.

Register and Genre

Master of Applied Linguistics program, Department of Linguistics, The University of Sydney, semester 2 2017.

Media Discourse

Master of Applied Linguistics program, Department of Linguistics, The University of Sydney, semester 2 2017.

Professional Practice

Master of Cross-Cultural Communication program, Department of Linguistics, The University of Sydney. 2017 Semester 1.

Language and Identity

Masters of Applied Linguistics program, Department of Linguistics, The University of Sydney. Included full curriculum re-development for course.

Doctoral coursework

Legitimation Code Theory

Doctoral Coursework program, Department of Linguistics, The University of Sydney. With Prof. Karl Maton and Dr Jodie Martin. 2017 Semester 2.

Guest Lecturer and Tutor (teaching assistant)

Functional Grammar

2nd Year Undergraduate and Masters Coursework Course in the Department of Linguistics, The University of Sydney, with Prof. J. R. Martin. 2012, 2014-2016.

Text and Context

3rd Year Undergraduate Course in the Department of Linguistics, The University of Sydney, with Prof. J. R. Martin. 2016.

Register and Genre

Masters Coursework Course in the Department of Linguistics, The University of Sydney with Prof. J. R. Martin 2016.

Discourse Analysis

2nd/3rd Year Undergraduate Course in the Department of Linguistics, The University of Sydney, with Prof. J. R. Martin. 2012, 2014-2015.

Invited Conference Institute Course Teaching and other Teaching

Semantics and Legitimation Code Theory

Adelaide, Australia – September 2018. Conference Institute, Australian Systemic Functional Linguistics Conference, University of South Australia, Adelaide.

Legitimation Code Theory

Puebla, Mexico – October, 2018. Pre-Congress Institute Course, XIV Conference of the Latin-American Association of Systemic Functional Linguistics, Benemérita Universidade Autónoma de Puebla.

Gothenberg, Sweden – August 2018. The University of Gothenberg.

Boston, USA – July 2018. Pre-Congress Institute Course, 45th International Systemic Functional Linguistics Congress, Boston College.

Wollongong, Australia – July 2017. Post-Congress Institute Course, 44th International Systemic Functional Linguistics Congress, University of Wollongong.

Systemic Functional Linguistics and Legitimation Code Theory

Sydney, Australia – June 2017. 2nd International Legitimation Code Theory Conference, The University of Sydney.

Teaching awards

2017 Sydney University Teaching Commendation – *Register and Genre*.

Curriculum design and development

2018 Curriculum Mapping and Assessment project (with Chair, Monika Bednarek)

Focused on integrating the learning outcomes of each unit in the Linguistics undergraduate curriculum with those of the Linguistics Major, the overall Bachelor of Arts in the Faculty of Arts and Social Sciences and the University of Sydney's Graduate Qualities.

Full course design

Analysing Social Media Discourse. Undergraduate program, Department of Linguistics, The University of Sydney.

2016 Course re-development

Language and Identity. Postgraduate Master of Applied Linguistics program, Department of Linguistics, The University of Sydney.

SUPERVISION

Doctoral

Current

Dongbing Zhang, *A Grammar of Khorchin Mongolian*. Department of Linguistics, The University of Sydney. (Auxiliary Supervisor)

Kirstin Wilmot, *Transitioning from Student to Intellectual: The role of knowledge practices in PhD research*. Department of Sociology and Social Policy, The University of Sydney. (Auxiliary Supervisor)

Masters Coursework Dissertation

Current

Jiani Chen, *Corporate Apologies on Social Media*. Department of Linguistics, The University of Sydney.

Completed

Lungguh Ariang Bangga, *Sundanese transitivity: A first step into the description*. Department of Linguistics, The University of Sydney. 2018, Awarded High Distinction.

Hye Ryun Park, *Examining Korean Personal Recounts: A Systemic Functional Linguistic Perspective*. Department of Linguistics, The University of Sydney. 2017, Awarded High Distinction.

OTHER RESEARCH POSITIONS HELD

2013 – 2016 Research Assistant to Prof. Karl Maton, Prof. J. R. Martin, Prof. Len Unsworth, Dr Sarah K. Howard, The University of Sydney.
Project: *Pedagogies for Knowledge-Building: Investigating Subject-Appropriate, Cumulative Teaching for Twenty-First Century School Classrooms*, funded by an ARC Discovery Project grant.

2013 – 2014 Research Assistant to Dr Paul Dwyer, Dr Michele Zappavinga, Prof. J. R. Martin. The University of Sydney.
Project: *Enacting Reconciliation: Negotiating Meaning in Youth Justice Conferencing*, funded by an ARC Discovery Project grant.

RECENT CONFERENCE AND SEMINAR TALKS

2018

Field Relations: Ideational meaning across semiosis. *Sydney Systemic Functional Linguistics Seminar Series*. September (invited talk).

Group/Phrase in Sundanese: Types of Structure. *30th Australian Systemic Functional Linguistics Association Conference*, University of South Australia, Adelaide.
September (abstract accepted).

Seeing knowledge through field: Multimodal meaning in science. *9th International Conference on Multimodality*. University of Southern Denmark, Odense, Denmark.
August (abstract accepted).

Complexity and context-dependence in multimodal texts: Semantic density and semantic gravity for images and language. *9th International Conference on*

Multimodality. University of Southern Denmark, Odense, Denmark. August (abstract accepted). With Karl Maton.

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

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

Systemic Functional Linguistics and Legitimation Code Theory: Complementary insights for expanding explanatory power. *45th International Systemic Functional Linguistics Congress*. Boston College, Boston, USA. July.

Semantic gravity: Seeing context dependence: 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. *44th International Systemic Functional Linguistics Congress*. University of Wollongong, Australia, July.

Semantic gravity: A translation device for discourse. *2nd International Legitimation Code Theory Conference*, The University of Sydney, June, with Karl Maton.

Seeing constellations: Grasping axiology in Australia's 'invasion'. *2nd International Legitimation Code Theory Conference*, The University of Sydney, June.

Using LCT with SFL: Becoming bilingual with theory. *2nd 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. *43rd International Systemic Functional Linguistics Congress*, Universitas Pendidikan Indonesia, July.

2015

Images as Knowledge Builders in Physics. *1st 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. *1st 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. *41st International Systemic Functional Congress*, Universidad Nacional de Cuyo, Mendoza, Argentina. April.

Classrooms Discourse of Physics: Multisemiosis and Instantiation. *41st 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. *40th 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, Canada. June.

GRANTS AND SCHOLARSHIPS

- 2018 School of Literature Art and Media Research Support Scheme: Collecting Sundanese texts. (\$2532.50 AUD).
- 2017 Australian Systemic Functional Linguistics Association Small Grant Scheme: International Systemic Language Modelling Network seed funding (\$750 AUD)
- 2011-2015 Australian Postgraduate Award (~\$90,000 AUD)
- 2012, 2013, 2014 Postgraduate Research Support Scheme (Faculty of Arts and Social Sciences, University of Sydney travel grant, ~\$6000 AUD in total)
- 2012 Genre 2012: International Conference on Genre Studies Scholarship (\$450 CAD).

PROFESSIONAL MEMBERSHIPS AND RESEARCH NETWORKS

Australian Linguistics Society (ALS)
Applied Linguistics Association of Australia (ALAA)
Australian Systemic Functional Linguistics Association (ASFLA)
International Systemic Language Modelling Network (SLAM)
Applied Linguistics in Sport (International Association of Applied Linguistics Research Network)

PROFESSIONAL ACTIVITIES, CONFERENCE ORGANISATION AND POSITIONS HELD

2018– current

Co-convenor, *Australian Systemic Functional Linguistics Conference*, The University of Sydney, September 2019.

Creator and Chair, Development and Selection committee, and Finance Committee, *M. A. K. Halliday Prize*, Annual prize for International Best Book in Systemic Functional Linguistics.

Convenor for Educational Linguistics Node in the proposed *Centre for Language Research* at the University of Sydney.

2013– current

Treasurer, Australian Systemic Functional Linguistics Association.

2017

Organising Committee, *Second International Legitimation Code Theory Conference*, The University of Sydney, July.

2016

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

2015

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

Reviewer, *Linguistics and Education*, *Visual Communication*; *Critical Studies in Teaching and Learning*.

INDUSTRY ENGAGEMENT AND COMMUNITY-ORIENTED WORK

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

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

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

NON-ACADEMIC POSITIONS HELD (LAST FIVE YEARS)

2016 – 2017 Assistant Coach, Australian Women’s Volleyball team (Volleyroos),
Trainings and Home Round, *World Grand Prix*.

2017 Assistant Coach, Australia Women’s U23 Volleyball team,
Asian U23 Championships, Thailand, May 2017.

2014 – 2016 Head Coach, UTS-Sydney University Shield Women’s team,
Australian Volleyball League, National Finalists 2014, 2015

2014 Head Coach, NSW U23 Women’s Volleyball team,
Australian Junior Volleyball Championships, National Bronze Medallists

2009-2014 Head Coach, Sydney Boys High School 1st Grade Volleyball team,
NSW CHS Champions 2009, 2010, 2012
NSW GPS Champions 2009-2014