

Susan Caldis
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Macquarie School of Education
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Biography

I am a Lecturer, Secondary Social Science, who specialises in geography education. I convene and teach the undergraduate and postgraduate methodology courses for Geography, and Economics-Business; I am also Deputy Director, Master of Teaching (primary and secondary). My research interests focus on transition into the profession, transformation of pedagogical practice in the geography classroom, and out-of-field teaching.

My recently completed doctoral research was a qualitative, longitudinal study focused on transition into the teaching profession and transformation of pedagogical practice in the secondary Geography classroom. The research was conducted with five teacher education students in three phases as they completed their final year of study in an initial teacher education program, entered the profession, and transitioned to their early-career years. Archer's theory of reflexivity was used to determine the enabling and constraining influences on practice. Reflection and pedagogy was the conceptual frame, using the Teaching and Assessing for Reflective Learning (TARL) model (Ryan & Ryan, 2013, 2015) and the Professional Standards for the Accomplished Teaching of Geography (GEOGStandards) (Hutchinson & Kriewaldt, 2010). During my doctoral candidature I received the Faculty of Human Sciences Award for Excellence in Higher Degree Research.

Outside of Macquarie University, I continue to advocate for quality geography education within initial teacher education programs and in school-based settings through active engagement with the professional associations for geography: President, Geography Teachers Association of NSW and ACT (GTANSW&ACT); Chair, Australian Geography Teachers Association (AGTA); Co-opted member, Geographical Society of NSW; and AGTA Representative for the Institute of Australian Geographers (IAG).

In 2019 I was appointed by the Academy of Singapore Teachers and Ministry of Education, Singapore, as the Outstanding Educator In Residence for geographical education. The appointment focused on pedagogical practice in Geography, particularly around the incorporation of inquiry-based learning and fieldwork activities into teaching, learning and assessment programs. Responsibilities associated with this in-country appointment included collaborating closely with the Academy of Singapore Teachers to develop and deliver a series of Masterclasses for in-service teachers of Geography; designing and teaching demonstration lessons in local schools with local students; and participating in a national curriculum dialogue with policy-makers.

Qualifications

Education, Doctor of Philosophy, The transformation of pedagogical practice in the secondary Geography classroom as pre-service teachers transition into the profession, Macquarie University

30 Jul 2018 → 3 Aug 2021

Award Date: 20 Dec 2021

Education, Master of Research (Year 2), Pre-service teachers' understanding of reflection and reflective practice, Macquarie University

Jul 2017 → 25 Apr 2018

Award Date: 30 Jun 2018

Leadership and Intercultural Understanding, Asialink Leadership Course, The University of Melbourne

Jan 2016 → Dec 2016

Award Date: 16 Dec 2016

Education, Master of Education (Research Specialisation), The role of stakeholders in a curriculum development process, Macquarie University

2012 → 2016

Award Date: 16 Dec 2016

Education, Bachelor of Education, Secondary; Humanities; Geography major, University of Sydney

1992 → 1995

Award Date: 15 Dec 1995

Employment

Lecturer

Lecturer

Macquarie School of Education

Macquarie University

19 Jul 2021 → present

Chair

Australian Geography Teachers' Association
Australia

1 Oct 2021 → present

STEM Ambassador for geography education

Science and Technology Australia
Deakin, Australia

1 Mar 2020 → 1 Dec 2021

President (2nd time)

Geography Teachers' Association of NSW
Australia

1 Nov 2019 → 31 Oct 2022

Honorary Secretary

Geographical Society of NSW
Australia

1 Mar 2017 → 1 Oct 2020

Sessional Academic (Geography, Canberra Campus)

Australian Catholic University
North Sydney , Australia

1 Jan 2017 → 1 Jun 2017

Sessional Academic (HSIE in the primary years)

University of Sydney
Camperdown, Australia

1 Jan 2017 → 1 Jun 2017

Vice President

Geography Teachers' Association of NSW
Australia

1 Oct 2016 → 1 Nov 2019

Board member

Professional Teachers Council of NSW
Australia

1 Jan 2015 → 1 Jan 2016

Director/Nominated Director

Australian Geography Teachers' Association
Australia

1 Oct 2013 → 1 Oct 2021

President

Geography Teachers' Association of NSW
Australia

1 Oct 2013 → 1 Oct 2016

Senior Project Officer: Australian Curriculum Geography

Australian Curriculum, Assessment and Reporting Authority (ACARA)

Australia

1 Oct 2010 → 1 Oct 2013

Head Teacher HSIE

Department of Education (Commonwealth)

Canberra , Australia

1 Jan 2005 → 1 Jan 2010

Teaching and Learning Coordinator

Department of Education (Commonwealth)

Canberra , Australia

1 Jan 2003 → 1 Jan 2005

Geography Teacher

Department of Education (Commonwealth)

Canberra , Australia

1 Jan 1996 → 1 Jan 2002

Research outputs

Geography education - what does it stand for? Geography education – A short overview of what it stands for

Van der Schee, J., Scholten, N. & Caldis, S., 8 May 2023, IGU-CGE 26 p.

Teaching geography in and out of field: out of field teaching

Caldis, S., 17 Nov 2022

National Summit on Teaching Out-of-field: synthesis and recommendations for policy, practice and research

Hobbs, L., Du Plessis, A., Oates, G., Caldis, S., McKnight, L., Vale, C., O'Connor, M., Rochette, E., Watt, H., Weldon, P., Richardson, P. A. & Bateup, C., 30 Jun 2022, Victoria, Australia: Deakin University. 52 p.

Collaborating across disciplinary lines: generating a framework for out-of-field teachers in the Sciences, English, Mathematics, Design Technologies and the Humanities

Hobbs, L., McKnight, L., Carpendale, J., Caldis, S., Campbell, C., Delaney, S., Speldwinde, C., Kelly, L. & Vale, C., 2022, *Methodological approaches to STEM education research*. White, P. J., Tytler, R., Ferguson, J. P. & Cripps Clark, J. (eds.). Newcastle upon Tyne: Cambridge Scholars Publishing, Vol. 3. p. 174-199 27 p. (Contemporary approaches to research in STEM education).

Intervention studies to improve initial teacher education in geography: a scoping review

Scholten, N., Caldis, S. & Sprenger, S., 2022, *International Perspectives on Geographical Education*. Artvinli, E., Gryl, I., Lee, J. & Mitchell, J. T. (eds.). Cham, Switzerland: Springer, Springer Nature, p. 9-24 16 p. (International Perspectives on Geographical Education).

Know the subject and how to teach it: using the GEOGStandards to develop pedagogical practice amongst pre-service teachers during professional experience

Caldis, S., Cavanagh, M. & Ryan, M., 2022, In: *Geographical education*. 35, 1, p. 33-45 13 p., 4.

Teaching secondary geography

McInerney, M., Butler, J., Caldis, S., Cranby, S., Jones, S., Law, M., Maude, A. & Nicholas, R., 2022, Port Melbourne, VIC: Cambridge University Press (CUP). 300 p.

The importance of planning in geography

McInerney, M., Jones, S. & Caldis, S., 2022, *Teaching secondary geography*. McInerney, M., Butler, J., Caldis, S., Cranby, S., Law, M., Maude, A. & Nicholas, R. (eds.). Port Melbourne, VIC: Cambridge University Press (CUP), p. 267-284 18 p.

The inquiry process in geography

Butler, J. & Caldis, S., 2022, *Teaching secondary geography*. McInerney, M., Butler, J., Caldis, S., Cranby, S., Law, M., Maude, A. & Nicholas, R. (eds.). Port Melbourne, VIC: Cambridge University Press (CUP), p. 187-200 14 p.

The professionally engaged geography teacher

Caldis, S. & Maude, A., 2022, *Teaching secondary geography*. McInerney, M., Butler, J., Caldis, S., Cranby, S., Law, M., Maude, A. & Nicholas, R. (eds.). Port Melbourne, VIC: Cambridge University Press (CUP), p. 285-300 16 p.

Transitioning into the profession with an out-of-field teaching load

Caldis, S., 2022, *Out-of-field teaching across teaching disciplines and contexts*. Hobbs, L. & Porsch, R. (eds.). Singapore: Springer, Springer Nature, p. 261-283 23 p.

What makes my geography lesson distinctive and powerful?

Caldis, S., 2022, *Teaching secondary geography*. McInerney, M., Butler, J., Caldis, S., Cranby, S., Law, M., Maude, A. & Nicholas, R. (eds.). Port Melbourne, VIC: Cambridge University Press (CUP), p. 201-217 17 p.

How can STEM be enhanced by geography?

Bourke, T. & Caldis, S., 15 Dec 2021, In: *Geographical education*. 34, p. 1-2 2 p., 1.

Recognising geography as a partial STEM subject: the journey so far

Caldis, S. & Kleeman, G., 15 Dec 2021, In: *Geographical education*. 34, p. 6-13 8 p., 2.

Transition into the teaching profession and transformation of pedagogical practice in the secondary geography classroom

Caldis, S., 2021, (Unpublished) 268 p.

The city under COVID-19: podcasting as digital methodology

Rogers, D., Herbert, M., Whitzman, C., McCann, E., Maginn, P. J., Watts, B., Alam, A., Pill, M., Keil, R., Dreher, T., Novacevski, M., Byrne, J., Osborne, N., Büdenbender, M., Alizadeh, T., Murray, K., Dombroski, K., Prasad, D., Connolly, C., Kass, A., & 3 others Dale, E., Murray, C. & Caldis, S., Jul 2020, In: *Tijdschrift voor economische en sociale geografie*. 111, 3, p. 434-450 17 p.

Geography and STEM: a response to recommendations in the Decadal Plan for Geography

Caldis, S. & Kleeman, G., 2019, In: *Geographical education*. 32, p. 5 - 10 6 p., 1.

Out of Field teaching in Geography: a response to recommendations in the Decadal Plan for Geography

Caldis, S. & Kleeman, G., 2019, In: *Geographical education*. 32, p. 11 - 14 4 p., 2.

STEM or HASS: where is Geography - enabled or constrained?

Caldis, S., 2019, *Professional educator*, 20, 1, p. 36-41 6 p.

Teaching higher-order thinking and powerful geographical knowledge through the Stage 5 Biomes and Food Security unit: higher order thinking and powerful Geography

Maude, A. & Caldis, S., 2019, In: *Geographical education*. 32, p. 30 - 39 10 p., 6.

Participatory action research: a tool for promoting effective assessment and building the pedagogical content knowledge of Secondary Geography teachers

Lane, R. & Caldis, S., 2018, In: *Geographical education*. 31, p. 16-30 15 p.

Teaching out of field: teachers having to know what they do not know

Caldis, S., 2017, In: *Geography bulletin*. 49, 1, p. 13-17 5 p.

Investigating the Quarantine station as an important and connected place: Stage 1 Geography - part 1

Caldis, S., 2016, In: Geography bulletin. 48, 4, p. 31-34 4 p.

Investigating the Quarantine Station as an important and connected place in Stage 1 Geography - part 2

Caldis, S., 2016, In: Geography bulletin. 48, 4, p. 35-43 9 p.

Pearson geography NSW 7+8. Stage 4: student book

Kleeman, G., Rhodes, H., Hamper, D., Caldis, S., Peters, A. & Lane, R., 2016, Melbourne, Vic.: Pearson. 371 p. (Pearson geography NSW)

Teacher's bookshelf: self-reflection and personal development

Caldis, S., 13 Aug 2015, Teacher.

HSC: geography

Caldis, S., 14 Jun 2015, The Sydney Morning Herald.

2014 fieldwork competition: an excerpt from the President's opening address at the Arthur Phillip Awards Australian Catholic University, Strathfield Friday 8 May 2015

Caldis, S., 2015, In: Geography bulletin. 47, 1, p. 12-13 2 p.

Biophysical interactions snoutcaretnl lacisypoiB

Caldis, S., 2015, In: Geography bulletin. 47, 3, p. 23-30 8 p.

Geography comes alive through fieldwork

Caldis, S., 2015, In: Geography bulletin. 47, 1, p. 19-22 4 p.

Reflection: HSC Geography via regional NSW and Central Australia

Caldis, S., 2015, In: Geography bulletin. 47, 1, p. 14-18 5 p.

Reflection: Institute of Australian Geographers' Annual Conference 2015

Caldis, S., 2015, In: Geography bulletin. 47, 3, p. 11-12 2 p.

Assessment for learning in the Geography classroom - can we bring about change to reflect evidence based practice?

Caldis, S., 2014, In: Geography bulletin. 46, 3, p. 41-45 5 p.

Feedback around the draft K-10 Geography syllabus for BOSTES. September 2014

Caldis, S., 2014, In: Geography bulletin. 46, 3, p. 5-12 8 p.

Interested and influential: the role of a professional association in the development of the Foundation to Year 10 Australian Curriculum : Geography

Caldis, S., 2014, In: Geographical education. 27, p. 51-59 9 p.

The Senior geography project - making it count!

Caldis, S., 2014, In: Geography bulletin. 46, 1, p. 7-9 3 p.

Australian curriculum: geography

Caldis, S., 2013, In: Geography bulletin. 45, 2, p. 5-6 2 p.

Prizes

2019 Outstanding Educator in Residence for geographical education

Caldis, Susan (Recipient), 28 Feb 2019

First in Course for EDCN802
Caldis, Susan (Recipient), 2014

First in Course for EDCN803
Caldis, Susan (Recipient), 2014

FoHS Award for Excellence in Higher Degree Research, 2019
Caldis, Susan (Recipient), 6 Dec 2019

James Sturgiss Exceptional Service to the Profession
Caldis, Susan (Recipient), 22 Feb 2023

Macdonald Holmes Medal
Caldis, Susan (Recipient), 10 Nov 2022

Meritorius Contribution to the GTANSW Journal
Caldis, Susan (Recipient), 2017

Outstanding Service to the Profession
Caldis, Susan (Recipient), 2015

Awards

Accelerate MTeach Program: Supporting STEM mid-career transition into the teaching profession
Dutton, J., Bower, M., Hay, I., Hadley, F., De Nobile, J., Caldís, S., Wilson, K., Cavanagh, M., Chu, H. E., Bamford Barnes, L. & Bower, M.
1/12/21 → 30/06/25

Other

2021	Lorem ipsum dolor sit amet
2020	Lorem ipsum dolor sit amet
2019	Lorem ipsum dolor sit amet
2018	Lorem ipsum dolor sit amet
2017	Lorem ipsum dolor sit amet
2016	Lorem ipsum dolor sit amet