Adam Coates

Nationality: ▮▮▮▮   **Date of birth:** ▮▮▮▮▮   **Place of birth:** ▮▮▮▮▮▮▮▮▮▮

✉ **Email** ▮▮▮▮▮▮▮▮▮▮▮▮▮▮

WORK EXPERIENCE

▦ *Hanyang University - CCCE* – Seoul, South Korea

City: Seoul | **Country:** South Korea

Assistant professor

[03/2021 – 08/2023]

- Taught undergraduate courses: *Professional Academic English* and *Basic Academic English Conversation*.
- Member of the curriculum redesign committee of *Professional Academic English*.

▦ *Sookmyung Women's University – SMU TESOL* – Seoul, South Korea

City: Seoul | **Country:** South Korea

Instructor

[01/2020 – 08/2023]

- Teaching TESOL professional development courses for pre- and in-service Korean teachers through online and in-class lessons: *Curriculum Development and Lesson Planning, Microteaching,* and *Self-Directed Professional Development.*

▦ *Kunsan National University – Dept. of Eng. Lang. & Lit.* – Kunsan, South Korea

City: Kunsan | **Country:** South Korea

Visiting professor

[09/2017 – 02/2020]

- Taught post-graduate courses: *Thesis Writing, Research Methods in Education*, *Introduction to Cognitive Linguistics*, *TESOL Reading Pedagogy*, *TESOL Writing Pedagogy*, and *TESOL Speaking Pedagogy*.
- Taught undergraduate courses: *Practical English Conversation (1), Practical English Conversation (2), English Conversation, Intermediate English Conversation, English Connections, Practical English Composition (1), English Composition, English writing practice, Global Issues,* and *Understanding of English-Speaking Culture and Society.*
- Created curriculum and assessment tasks for all the above courses.

▦ *Gyeonggi-do Institute for Foreign Language Education (GIFLE)* – Anjung, South Korea

City: Anjung | **Country:** South Korea

Instructor

[03/2014 – 08/2016]

- Taught professional development for in-service Korean Elementary and Secondary teachers: *Speaking Pedagogy, Microteaching, English Teaching Techniques,* and *Practices of Effective Language Teaching*.

▦ *International Civic and Citizenship Education Study (ICCS): International Study Centre* – Bath, United Kingdom

City: Bath | **Country:** United Kingdom

Research assistant

[04/2025 – Current]

- Conducting robustness checks on background questionnaire scales from pilot test.
- Supporting item writing and review. Checking national adaptation requests from participating countries.

🏛 *University of Bath – Department of Education* – Bath, United Kingdom

City: Bath | **Country:** United Kingdom

Research assistant

[03/2024 – Current]

- Standards setting project: supporting, organizing, and enacting standards setting exercise analysing mathematics achievement for the UNESCO Institute for Statistics.
- Academic Resilience in India, Nepal, and South Africa: hosting and recording podcasts; writing policy briefs and reports; conducting systematic literature review.
- Equity in STEM in England and Egypt project: coding qualitative interview data.

🏛 *Istituto Nazionale per la Valutazione del Sistema Educativo di Istruzione e di Formazione (INVALSI)* – Rome, Italy

City: Rome | **Country:** Italy

Mid-level expert

[02/2025 – 11/2025]

- Member of the EU Commission funded IMP>ACT project designing an assessment framework for sustainability and climate change education.
- Policy analysis: coordinate policy document collection by consortium members; analysing policy including coding policy goals with a team; writing report.

🏛 *Utrecht University* – Utrecht, Netherlands

City: Utrecht | **Country:** Netherlands

Independent Research/Administrative Assistant

[10/2023 – 02/2024]

- Supported Horizon Europe proposal: collected and reported participant and budget information.

EDUCATION AND TRAINING

PhD Education
University of Bath [10/2023 – Current]

City: Bath | **Country:** United Kingdom | **Field(s) of study:** Education: ● Education science

MSc Education: Research methods
University of Oxford [09/2016 – 11/2017]

City: Oxford | **Country:** United Kingdom | **Field(s) of study:** Education: ● Education science

Postgraduate Certificate in Education
University of Oxford [09/2009 – 06/2010]

City: Oxford | **Country:** United Kingdom | **Field(s) of study:** Education: ● Teacher training with subject specialisation

BSc Mathematics
Cardiff University [09/2006 – 07/2009]

City: Cardiff | **Country:** United Kingdom | **Field(s) of study:** Natural sciences, mathematics and statistics: ● Mathematics

LANGUAGE SKILLS

Mother tongue(s): English

Other language(s): Korean

PUBLICATIONS

The many roles of pragmatism in mixed methods research. Coates, A. (In press). The many roles of pragmatism in mixed methods research. In K. Morisson & B. H. See (Eds.), *Handbook of Mixed Methods Research in Education*. Edward Elgar Publishing.

Decisions and justifications when recounting social science research. Coates, A. (2025). Decisions and justifications when recounting social science research. *International Journal of Social Research Methodology. Published Online.* https://doi.org/10.1080/13645579.2025.2506076

Report on a standard setting exercise to set the Minimum Proficiency Level for indicator 4.1.1(a) in mathematics using AMPL. Sandoval-Hernández, A., Treviño, E., Coates, A., Cheyre, M., Torres Irribarra, D., & Carrasco, D. (2025). Report on a standard setting exercise to set the Minimum Proficiency Level for indicator 4.1.1(a) in mathematics using AMPL. *UNESCO Institute for Statistics, WG/GAML/11/1.4.* https://tcg.uis.unesco.org/wp-content/uploads/sites/4/2025/02/GAML11_1.4_Standard-Setting_411a.pdf

Mathematics achievement gaps in England. Coates, A. (2025). Mathematics achievement gaps in England. *British Educational Research Journal 51*(3), 1149-1177. https://doi.org/10.1002/berj.4117

What is the role of philosophy for the social science research process? A metaphor analysis of researchers' descriptions. Coates, A. (2024). What is the role of philosophy for the social science research process? A metaphor analysis of researchers' descriptions. *Social Epistemology, 38*(5), 632-650. https://doi.org/10.1080/02691728.2023.2283447

Academic journals' usernames and the threat of fraudulent accounts on social media. Coates, A. (2022). Academic journals' usernames and the threat of fraudulent accounts on social media. *Learned Publishing, 35*(2), 140-148. https://doi.org/10.1002/leap.1430

The prevalence of philosophical assumptions described in mixed methods research. Coates, A. (2021). The prevalence of philosophical assumptions described in mixed methods research. *Journal of Mixed Methods Research, 15*(2), 171-189. https://doi.org/10.1177/1558689820958210

How often are basic details of the research process mentioned in social science research papers? Coates, A. (2021). How often are basic details of the research process mentioned in social science research papers? *Learned Publishing, 34*(2), 128-136. http://doi.org/10.1002/leap.1330

'Developing effective teacher talk': A critical self-examination of an ESP course designed for Korean in-service teachers. Whitehead, G., Ramos, I., & Coates, A. (2019*). '*Developing effective teacher talk': A critical self-examination of an ESP course designed for Korean in-service teachers. *Journal of Asia TEFL, 16*(1), 178-199. http://doi.org/10.18823/asiatefl.2019.16.1.12.178

College English Composition Plus. Park, H. S., & Coates, A. (2019). *College English Composition Plus.* Kunsan National University Press. ISBN 979-11-89957-00-1

CONFERENCES AND SEMINARS

Indicators for sustainability and climate change education in international large-scale assessments: Results of mapping. Palmerio, L., Pietracci, R., Isac, M. M., & Coates, A. (2025 September 12). *Indicators for sustainability and*

climate change education in international large-scale assessments: Results of mapping. The European Conference on Educational Research (ECER). Belgrade, Serbia.

Do plausible values make a difference for diagnostic classification models of large-scale international assessments? Coates, A. (2025 June 25). *Do plausible values make a difference for diagnostic classification models of large-scale international assessments?* IEA International Research Conference (IRC). Department of Humanities of Roma Tre University, Rome, Italy.

Using diagnostic classification models with TIMSS data to explore mathematics learning in Italy. Coates, A. (2024 October 17). *Using diagnostic classification models with TIMSS data to explore mathematics learning in Italy*. INVALSI IX seminar: Data of and for the education system: Tools for research and teaching. Courtyard Rome Central Park, Rome, Italy.

Measuring the achievement gaps in Mathematics 2010-2023: Questions from the data. Coates, A. (2024, September 9). *Measuring the achievement gaps in Mathematics 2010-2023: Questions from the data.* British Educational Research Association Conference 2024. University of Manchester, Manchester, UK.

Metaphors, philosophy, and social research. Coates, A. (2024 June 25). *Metaphors, philosophy, and social research.* Festival of ideas. University of Bath, Bath, UK.

Metaphors describing philosophical positions for social science research. Coates, A. (2023 November 23). *Metaphors describing philosophical positions for social science research* [Poster presentation]. SWDTP Student Conference Bath, UK.

Adopting new methods and mixing methods in language research: Are foundations important? Coates, A. (2021, June 5). *Adopting new methods and mixing methods in language research: Are foundations important?* Korean Association for the Study of English Language and Linguistics Spring Conference, Seoul, South Korea.

Teachers' concept of professionalism and attitudes towards research use. Coates, A. (2017, March 15). *Teachers' concept of professionalism and attitudes towards research use*. STORIES Conference, Oxford, UK.

REVISIONE E CORREZIONE DI ARTICOLI SCIENTIFICI

Peer review

Invited reviewer for *Discover Education, Educacion XX1, Forum for Linguistics Studies, Fundan Journal of HSS, Heliyon, International Journal of Adolescence and Youth, Journal of Mixed Methods Research, Learned Publishing, Qualitative Research, Social Epistemology, Studies in Educational Evaluation,* and *Teaching and Teacher Education.*

Proofreading and editing

Bath University – Department of Education [11/2024 - Current]

- Occasional proofreading and editing academic journal articles. Writing and editing policy reports.

Jeonbuk National University [12/2019 - 12/2020]

- Responsible for proofreading academic journal articles and educational material in English.

Kunsan National University – Dept. of Eng. Lang. & Lit. [09/2017 - 02/2020]

- Proofreading and editing academic journal articles in English

COLLABORAZIONI IN TEAM INTERNAZIONALI

[04/2025 – Current]
International Civic and Citizenship Education Study (ICCS): International Study Centre

- Conducting robustness checks on background questionnaire scales from pilot test.
- Supporting item writing and review. Checking national adaptation requests from participating countries.

[03/2024 – Current]
University of Bath – Department of Education

- Standards setting project: supporting, organizing, and enacting standards setting exercise analysing mathematics achievement for the UNESCO Institute for Statistics.
- Academic Resilience in India, Nepal, and South Africa: hosting and recording podcasts; writing policy briefs and reports; conducting systematic literature review.
- Equity in STEM in England and Egypt project: coding qualitative interview data.

[02/2025 – 11/2025]
Istituto Nazionale per la Valutazione del Sistema Educativo di Istruzione e di Formazione (INVALSI)

- Member of the EU Commission funded IMP>ACT project designing an assessment framework for sustainability and climate change education.
- Policy analysis: coordinate policy document collection by consortium members; analysing policy including coding policy goals with a team; writing report.

[10/2023 – 02/2024]
Independent Research/Administrative Assistant

- Supported Horizon Europe proposal: collected and reported participant and budget information for international partners.

Assessment Criteria

a) Docenza di corsi a livello universitario e/o conduzione di corsi di formazione rivolti a docenti di scuola di qualsiasi ordine e grado: 1 punto per ogni corso, fino a un massimo di 2 punti	Professional Academic English (at Hanyang University) Curriculum Development and Lesson Planning (at Sookmyung University)
b) Pubblicazioni e presentazioni a convegni nell'ambito di metodologie di ricerca nelle scienze sociali: 1 punto per ogni pubblicazione, fino a un massimo di 5 punti.	Coates, A. (2025). Decisions and justifications when recounting social science research. *International Journal of Social Research Methodology*. Published Online. https://doi.org/10.1080/13645579.2025.2506076 Coates, A. (2025). Mathematics achievement gaps in England. *British Educational Research Journal 51*(3), 1149-1177. https://doi.org/10.1002/berj.4117 Coates, A. (2024). What is the role of philosophy for the social science research process? A metaphor analysis of researchers' descriptions. *Social Epistemology, 38*(5), 632-650. https://doi.org/10.1080/02691728.2023.2283447 Coates, A. (2021). The prevalence of philosophical assumptions described in mixed methods research. *Journal of Mixed Methods Research, 15*(2), 171-189. https://doi.org/10.1177/1558689820958210 Coates, A. (2021). How often are basic details of the research process mentioned in social science research papers? *Learned Publishing, 34*(2), 128-136. http://dx.doi.org/10.1002/leap.1330
c) Conoscenza della lingua inglese a livello di lingua madre: 3 punti.	British National and native speaker of English. All education in the UK
d) Esperienza nella revisione e correzione di articoli scientifici e relazioni di ricerca in lingua inglese: 2 punti.	Invited reviewer for *Teaching and Teacher Education*, *Journal of Mixed Methods Research*, *Heliyon*, *Learned Publishing* and more. Proofreading and editing experience at Bath university, Kunsan University, and Jeonju University.
e) Esperienza di ricerca collaborativa in team internazionali: raccolta e analisi dati, redazione di report: 1 punto per progetto, fino a un massimo di 3 punti.	Research assistant for the International Civic and Citizenship Education Study (ICCS) International Study Centre. Working as part of an international team designing test questions, analysing pilot data, and supporting national adaptations to the assessment. Member of the EU Commission funded IMP>ACT project designing an assessment framework for sustainability and climate change education. Working in a team from seven education systems. Research assistant in the ESRC funded project: Promoting academic resilience in Nepal, South Africa, and India. Created a systematic review, policy brief, and podcasts alongside international colleagues.
f) Esperienza nell'analisi psicometrica di indagini internazionali su larga scala: 1 punto per progetto, fino a un massimo di 3 punti	Research assistant for the International Civic and Citizenship Education Study (ICCS) International Study Centre. Responsible for conducting robustness checks on background questionnaire scales from pilot test: IRT scaling, dimensionality checks, invariance testing. Research assistant for standards setting project for SDG 4.1. Used IRT scaling methods to order tests items by difficulty to support expert judgement of where to place a threshold to indicate students have met the SDG 4.1.1 level. PhD thesis: Analysing TIMSS 2023 data using diagnostic classification models: includes creation and analysis of plausible values. Comparing results of diagnostic model with those created using the IRT framework.
g) Esperienza nella produzione di materiali di comunicazione per un pubblico non accademico: 1 punto per progetto, fino a un massimo di 2 punti.	Produced podcasts and policy briefs for Promoting academic resilience in Nepal, South Africa, and India project. Produced policy analysis report for non-academic audience and presenting findings of policy analysis to societal partners for the IMP>ACT project.

Adam Coates
01.10.2025