

Bristol Collegiate Research Society Travel Award 2019-20

The Bristol Collegiate Research Society generously donated £6000 to fund postgraduate research students and early career researchers to present their work at conferences in 2019/20. The fund was administered in July 2019 by Bristol Doctoral College.

The following twelve applicants received funding to attend conferences in 2019/20:

Name	Faculty	Amount awarded
Riccardo Avisati (conference cancelled due to COVID-19)	Faculty of Life Science	£500
Fabrice Roger	Faculty of Arts	£500
Carla Mereu Keating	Faculty of Arts	£500
Huan Doan	Faculty of Engineering	£500
Runa Begum	Faculty of Engineering	£500
Mai Mwafy	Faculty of Health Sciences	£500
Elystan Roberts	Faculty of Health Sciences	£500
Greig Dickson	Faculty of Life Sciences	£500
Ailsa Naismith	Faculty of Science	£500
Sheenagh Aiken	Faculty of Science	£500
Sha Liu	Faculty of Social Sciences and Law	£500
Pipit Novita	Faculty of Social Sciences and Law	£500
Total		£6000

Each of the successful applicants was asked to submit a short report detailing how they used the funds they were allocated. These reports are detailed below. Note that at the time of administering the fund the society was known as Colston Research Society. Any future funding will be administered under the name of Bristol Collegiate Research Society.

Fabrice Roger, Faculty of Arts

'Thanks to the generous support of the Colston Research Society, I was able to attend and present a paper at the 21st conference of the Association for French and Francophone Studies in Ireland. The scholarship I was awarded covered the costs of my return flight from Bristol to Belfast, accommodation for two nights and conference fees. Being a self-funded PhD student, I would not have been able to afford these expenses on my own. The conference dealt with the concepts of loss and reparation. My own research focuses on the representation of Islam and Muslims in France from 9/11 to the 2015 Paris attacks, and the paper I presented focused on the provocative representation of 9/11 as a religious awakening, which triggered thought-provoking discussions with members of the audience.'



The society can also use this picture for promotional purposes, with this quote: 'As a self-funded student, I could not have afforded to travel this far to present my research without the support of the Colston Research Society'.

Carla Mereu Keating, Faculty of Arts

I recently participated in the Audience Lost: Minority Women and Spectatorship, an academic conference which took place at Ghent University, Belgium, on 22-23 November 2019. The first

day of the conference I chaired a panel entitled 'Asian Audiences and the Nation'. The second day I gave a research paper entitled 'Multilingual Audiences: Language Barriers and Hollywood's Localization Strategy'.

My participation to this event was an incredibly valuable opportunity. I was able to share my latest research on film localization with an international gathering of film and media scholars, for the most part women and LGBTQ+ scholars, from Europe, the Middle East, India and North and Latin America. I received constructive feedback from senior scholars on the methodological questions which I raised during my presentation. I was inspired by other colleagues' inclusive projects and enjoyed engaging in discussions surrounding the subject matter as well as the representative nature of our scholarly work.

Quote: "I was inspired by colleagues' inclusive research agenda and enjoyed engaging in discussions surrounding the subject matter as well as the representative nature of our scholarly work."

Huan Doan, Faculty of Engineering

My poster entitled '*Novel hierarchical copper-based metal-organic frameworks for improved catalytic performance*' has been presented in the *3rd International Conference on Metal Organic Frameworks and Porous Polymers (EuroMOF2019)* on 27-30 October 2019 in Paris, France. This conference provided an opportunity to review and discuss the state-of-the-art approaches to synthesise and characterise metal-organic framework (MOF) materials reported in the scientific literature over recent years. As for the unique format, this conference focused on open and spirited discussion between key speakers about some exciting topics reported recently, such as large-scale dynamic behaviour, negative thermal expansion and anomalous mechanical properties in MOFs. In this conference, I introduced to scientists an intelligent scalable synthetic method to produce additional large pores in defective MOF structures. My poster, presenting novel hierarchical porous MOFs with enhanced performance in catalytic applications due to the improved diffusional rate and mass transfer, stimulated much interest for the use of MOFs to address challenges in sustainable development.



Huan, Harina and Chiara (from left to right) from the Department of Mechanical Engineering are attending the EuroMOF2019 conference at the Maison de la Chimie in Paris. Huan received the Travel Bursary from the Colson Research Society to cover the costs during his trip.

Huan: 'Thanks to the Colson Research Society Travel Bursary, I have had a chance to meet up with lead scientists in my field such as Omar Farha and Thomas Bennett to discuss my research further. They gave me fascinating ideas to find out new potential applications for my materials.'

Runa Begum, Faculty of Engineering

The award contributed towards my cost of travel to attend the International Cartilage Research Society (ICRS) 15th World Congress in Vancouver, Canada. There, I was able to present my work to an international audience of experts in this research field. My research was able to reach a far wider audience, enabling me to meet and network with fellow scientists face-to-face. In doing so, I was able to create new connections, which ultimately led to my employment at another world-leading research institute in the field of regenerative medicine. I am currently working as a postdoctoral research scientist at Utrecht University in the Netherlands. I would like to thank the

Colston Research Society for awarding me this grant and contributing toward my career progression. Thank you.

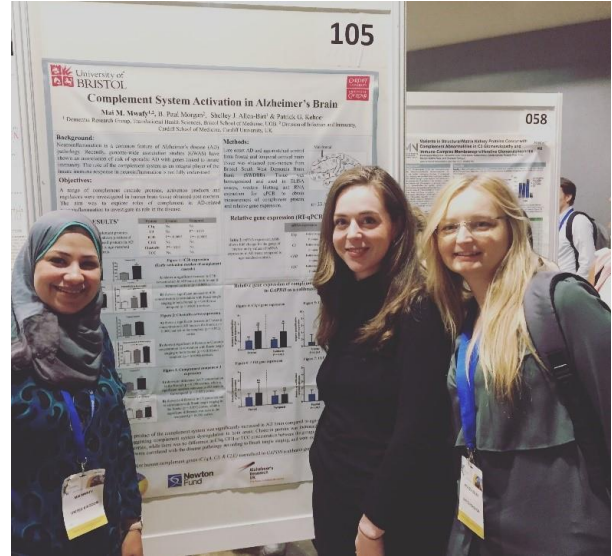
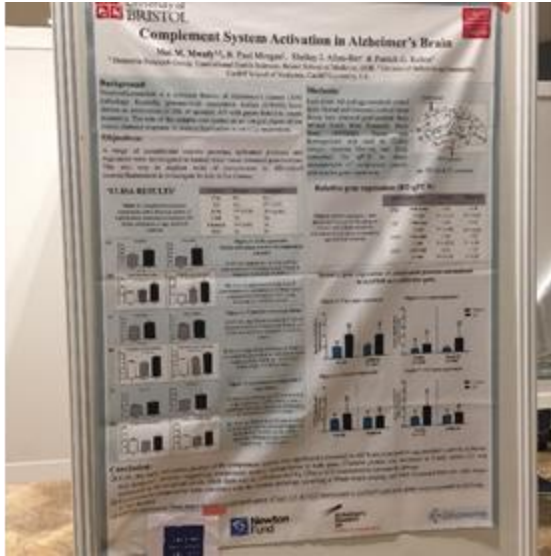
Mai Mwafy, Faculty of Health Sciences

I was lucky to have the Colston Research Society travel award to attend one of the most important conferences in my field, the 17th European Meeting on Complement in Human Diseases (EMCHD 2019) held in Madrid-Spain from 14th to 17st of September 2019, It was a good experience to present my work in front of eminent researchers from all over the world, I got a good response and interaction on my presentation, and meeting people who were interested in my research with possible collaboration in the future after I finish my Ph.D.

The conference was useful, three days of exciting sessions, I presented my poster in one session, my poster was in the theme of complement in human diseases.

I also attended a teaching session, it was very interactive and helpful to guide on complement mechanisms in human disease. I enjoyed my stay in Madrid, a nice city to visit.





Elystan Roberts, Faculty of Health Sciences

In August last year I was lucky enough to receive a £500 Travel Scholarship from the Bristol Collegiate Research Society. The grant enabled me to travel to Miami, USA, where I delivered two presentations on my PhD research at the International Academy of Suicide Research/American Foundation for Suicide Prevention's International Summit on Suicide Research. This was my first experience of a transatlantic conference and attending enabled me to grow my confidence in presenting as well as make new connections and collaborations with researchers from across the globe. I would not have been able to attend without the money I received from the Bristol Collegiate Research Society, so I am tremendously grateful to them.

Quote:

"The travel scholarship I received enabled me to present my research at a prestigious transatlantic conference, which was a totally invaluable experience."

Greig Dickson, Faculty of Life Sciences

In the summer of 2019, I was awarded a travel scholarship of £500 from the Bristol Collegiate Research Society (previously Colston Research Society) to support my travels to Leuven, Belgium, to attend two conferences. I presented a poster at the 7th Visual Science of Art conference and gave a talk at the 42nd edition of the European Conference on Visual Perception. I was presented with the Best Poster award for my poster titled "Walking on illusions: when quantitative and qualitative methods paint different pictures on the link between perception and action" and received positive feedback for my talk titled "Walking on illusions: How perceived pattern depth affects gait". In addition to supporting me in presenting at my first two international conferences, the travel scholarship also facilitated discussions with other

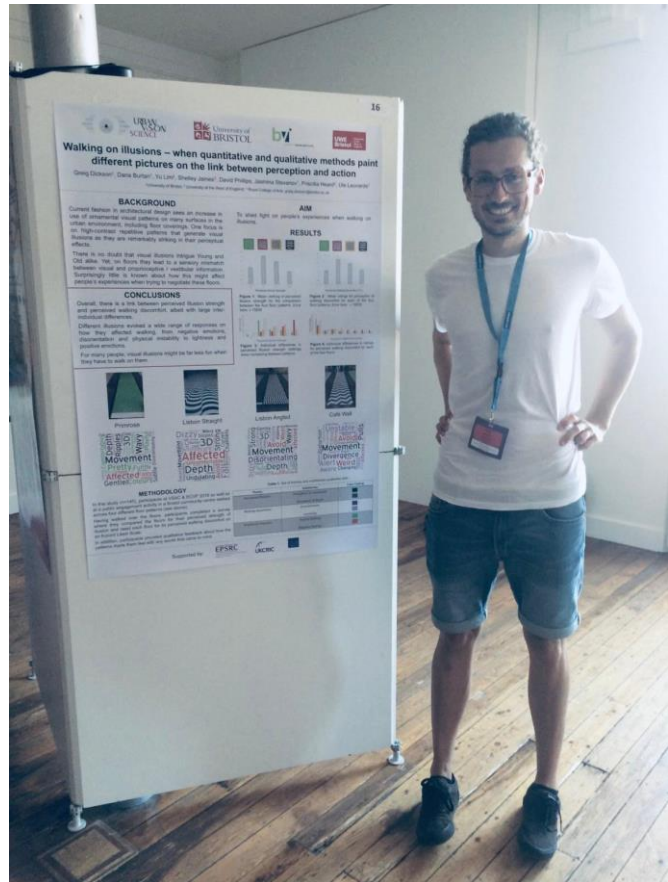
researchers within my field, informing the future trajectory of my research and presenting opportunities for collaboration.

Quote: “The Bristol Collegiate Research Society Travel Scholarship supported me in presenting research at my first two international conferences. It also facilitated discussions with other researchers within my field, informing the future trajectory of my research and presenting opportunities for collaboration”.

Ailsa Naismith, Faculty of Science

I received a Travel Scholarship from the Bristol Collegiate Research Society Award to attend the inaugural conference of the Association of Latin American Volcanology (ALVO) in Antofagasta, Chile. I would have presented my research on local experiences of eruptive activity and factors affecting the decision to evacuate from Fuego volcano in Guatemala.

The demonstrations that have swept Chile since October 2019 postponed the conference; I learned this while in transit through Colombia! The Collegiate Society generously honoured my award and I spent two weeks in Bogotá, making new contacts and presenting my research to institutions including the Colombian Geological Service (SGC). I gained insight into volcanic risk mitigation policy of another Latin American country that has greatly informed my own work. Although entirely different from the original purpose of my visit, I am satisfied with the



outcomes of my travel. I am grateful to the Collegiate Society for facilitating this unusual and fruitful expedition!

“Working with Latin American volcanoes has been a volatile but highly rewarding journey.



Thanks to the Collegiate Society for furthering my opportunities for working with volcanologists worldwide!”

Sheenagh Aiken, Faculty of Science

The Colston Research Society Travel Award enabled me to attend my first international scientific conference: the VIII EFMC International Symposium on Advances in Synthetic and Medicinal Chemistry (Athens, September 2019). This symposium appealed to me since there were speakers from both academia and industry, focusing on recent advances across organic synthesis and

medicinal chemistry to enable the efficient design and preparation of biologically relevant molecules and motifs in a controlled way.

The 6th EFMC Young Medicinal Chemist Symposium took place immediately after the main symposium and provided a chance to network with my peers, in addition to useful 'soft skills' sessions on presentation slides and scientific publishing.

I appreciated the opportunity to present a poster describing my current work on the application of lithiation–borylation to the total synthesis of natural products to a diverse range of delegates at both symposia; this led to many interesting discussions around my research.


"The Colston Research Society travel grant enabled me to attend and participate in my first international scientific conference. I really appreciated this opportunity to engage with researchers from both academia and industry and returned to Bristol enthused."

Sha Liu, Faculty of Social Sciences and Law

With great honour, I received the Bristol Collegiate Research Travel Scholarship (Colston Research Society Travel Award at the time of my application) on 9 August 2019. The scholarship supported my attendance at "The 6th Annual International Conference of the Asian Association for Language Assessment (AALA)" which was held during 16-18 October 2019 in Hanoi, Vietnam. At the conference, I presented my doctoral research entitled "Using automated writing evaluation as a diagnostic assessment tool in Chinese EFL writing instruction: A mixed-method study", for which I received the [AALA Best Student Poster Award](#). In addition, as the co-chair of the AALA Student Committee, I attended the Executive Meeting, gave a brief presentation about the student committee at the General Membership Meeting, and co-hosted the Graduate Student Networking Lunch where graduate students across the world could network among themselves and learn from established scholars in the field of Language Testing and Assessment.



Figure 1 Me receiving the Best Student Poster Award at the Opening Ceremony of AALA conference



Using automated writing evaluation as a diagnostic assessment tool in Chinese EFL writing instruction: A mixed-method study

Sha Liu
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Introduction

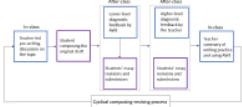
- Despite the rapidly increasing use of and research on Automated Writing Evaluation (hereafter AWE) in recent years, little is known about whether and how L2 students engage with AWE feedback in their essay revision process.
- A growing number of researchers (e.g., Jang & Wagner, 2014; Lee, 2015) have called for research attention to the diagnostic potential of AWE. However, there has yet to be any research that explores the use of AWE as a diagnostic assessment tool.
- Students' engagement is the key to unlock the potential benefits of feedback (Zhang & Hyland, 2018) and to facilitate successful diagnostic assessment (Alderson, Brunfaut, & Harding, 2015).

Research Aims


To investigate the use of AWE as a diagnostic assessment tool in Chinese EFL writing instruction in the hope of finding effective ways of implementing AWE to facilitate the teaching and learning of writing.

Theoretical Frameworks

- Building a case for the use of AWE as a diagnostic assessment tool:



- Engagement Framework (Ellis, 2010):**
- Cognitive engagement:** students' cognitive processing of the feedback
- Behavioural engagement:** what students do with the feedback
- Affective engagement:** students' emotional responses to the feedback




Research Questions


- How do Chinese EFL students engage with AWE-generated diagnostic feedback cognitively, behaviourally, and affectively in their revision process?
- What are underlying reasons that affect Chinese EFL students' engagement with AWE-generated diagnostic feedback in their revision process?


Write & Improve (AWE) - generated diagnostic feedback prompted students' active revisions; the type, orientation, and quality of revisions vary in accordance with students' English proficiency levels.

This research is supported by TOEFL Small Grants for Doctoral Research in Second or Foreign Language Assessment and British Council Assessment Research Awards and Grants.



Take a picture to read more on this







Research Context

- Chinese EFL writing context, a particularly promising site for AWE research given its vast number of English learners and huge demand for AWE systems in both assessment and instructional settings
- 24 second-year English majors from a university located in southwest China
- Aged between 18 and 20, with a wide range of six to 13 years of English learning experience
- Experienced in using AWE and willing to try out different systems for the improvement of their English writing.

Data Collection



Data Analysis



- All data, except for questionnaire responses, were double coded to ensure the quality of data analysis.

Preliminary findings

- W&I was able to provide relatively accurate word-level (precision: 69.3%, recall: 8.2%) and sentence-level (precision: 95.9%, recall: 64.8%) diagnostic feedback on Chinese EFL students' writing.
- W&I-generated diagnostic feedback prompted students' active revisions; the type, orientation, and quality of revisions vary in accordance with students' English proficiency levels.
- Students reported highly positive attitudes towards the impact of using W&I on the improvement of their revision autonomy.

Key References

- Alderson, C. L., Brunfaut, S., & Harding, S. (2015). From a theory of diagnostic to a model of diagnostic assessment: A path from professional practice to diagnostic tools. *Journal of Applied Linguistics*, 56(2), 284-300.
- Ellis, S. (2012). An overview of intelligible and written corrective feedback. *Studies in Second Language Acquisition*, 33, 201-220.
- Lee, J. (2015). The impact of diagnostic feedback on the revision of L2 learners' writing. *Journal of Applied Linguistics*, 56(2), 284-300.
- Shang, S., & Hyland, A. (2014). Student engagement with teacher and automated feedback on L2 writing. *Journal of Applied Linguistics*, 55(2), 201-220.

Figure 2 My poster at AALA Conference

Pipit Novita, Faculty of Social Sciences and Law

Dear trustees of the Colston Research Society,

The prestigious 6th International Symposium on New Issues in Teacher Education 2019 at the University of Malta that I attended presented a useful topic for my thesis. The symposium brings around 85 attendees including practitioners, researchers and PhD students to have a discussion about the conceptual debates and innovative practices in teacher education. The symposium has been held at the University of Malta, Valletta Campus from 16 – 18 September 2019. I presented my ongoing research in oral presentation. The oral presentation is entitled What Makes Initial

Teacher Education Effective? Exploring the Stakeholders' views on the Quality of Pre-service English Teacher Education in Urban Areas in Indonesia. The presentation was successfully delivered in the symposium, and it also got feedback and comments from the audience which helped me think more deeply about my research.

Finally, I would like to express gratitude and appreciation on the funding supported by the Colston Research Society, University of Bristol.