

Name: Dr Elizabeth Stevenson
University of Edinburgh
Edinburgh Medical School

E-mail: e.stevenson@ed.ac.uk

Recent employment

2012-present day (Programme Director: Science Communication and Public Engagement)

Teaching:

Designed, developed and deliver, as Programme Director, two MScs in Science Communication and Public Engagement (full-time on campus and part-time online). Co-designed and deliver, as Co-Director, PhD with Integrated Study: Medical Sciences with Engagement for Impact (4-year pilot programme). Leadership and management of a team of eight staff (Lecturers and Teaching Fellows). Initiated the development of chair the Social Research Ethics Group in Biomedical Sciences, providing ethical analysis and support for student ethics applications.

Research:

Supervision of PhD students:

As first supervisor:

An Analysis of Visual Images in 'Encountered' Science Communication. Kaewnapha Phothi (2019)
Engagement and Enrichment Programmes in Science Museums and Science Centres. A comparative study of UK and China. Lei Qiu (2022)

Dance and Diabetes, an evolving model to engage underserved communities (2025)

Ongoing: Understanding involvement of audiences with disabilities at live science events in the UK

As second supervisor

Ongoing: Exploring the Experiences of Blind Young People with Multisensory Storytelling-based Science and Health Communication

Leadership and Management

Leadership and management of a team of eight full-time and part-time staff (Lecturers and Teaching Fellows).

Co-development and chair of the Social Research Ethics Group in Biomedical Sciences, primarily analysis and support for student ethics applications.

Member of Edinburgh Medical School Research Ethics Committee.

2008-2012-Teaching Fellow (p/t) and Public Engagement Officer (p/t) University of Edinburgh, School of Chemistry.

2000-2008-Public Engagement Officer (p/t) and laboratory manager (p/t) University of Edinburgh, School of Chemistry.

Science Communication and Public Engagement grants awarded

As Principal Investigator

- Scottish Government 'Talking Science' Award' £8000 (2013)
- Royal Society of Chemistry £10,000 (2011)
- Wellcome Trust People Award £21,000 (2009-2010)
- Scottish Government Science Engagement £9000 (2008)
- Engineering and Physical Sciences Research Council (EPSRC) Partnerships for Public

- Engagement £127,000 (2007-2009)
- Scottish Government Science Engagement £8000 (2007)

As Co-Investigator

- EU funding for international Science Technology Engineering Arts and Maths (STEAM) summer schools for students (undergraduate and post-graduate) journalists and teachers. The STEAM project provides an excellent Knowledge Exchange platform for the consortium partners and the project includes a research component 250,000 Euros (2015-18)
- EPSRC Partnerships for Public Engagement £198,000 (2005-2008)
- EPSRC Partnerships for Public Engagement £20,000 (2002-2003)
- EPSRC Partnerships for Public Engagement £12,000 (1999)
- Wellcome Trust People Award £30,000 (2005).

Publications in Science Communication and Public Engagement

Pritchard, R., Darko, N., **Stevenson. E.** (2024) Coproducing justice in public involvement: impact-led iterative development of a dance based community engagement project building relationships in marginalised communities *Research Involvement and Engagement*. 11:44. 2 August 2024

Pritchard, R., Darko, N., **Stevenson. E.** (2024) Enhancing Community Engagement, Public Involvement, and Social Capital through Researchers' Participation in Community Dance Projects: Unexpected Outcomes in Underserved Communities. *Research Involvement and Engagement*. 10:79. 2 August 2024

Beange. I., Davidson. D.J., Goopy. S., Huang. H., Murray. F., Porteous. C., Rhodes. S., **Stevenson. E.**, Watson. F., Fletcher Watson. S. (2024) Ethical Considerations in Public Engagement: Developing Tools for Assessing the Boundaries of Research and Involvement. *Research Involvement and Engagement*. 10:83. 7 August 2024

Massarani, L., Bray, H., Joubert, M., Ridgway, A., Roche, J., Smyth, F., **Stevenson, E.**, van Dam, F. and de Abreu, W. V. (2023). The distribution of science communication teaching around the globe *JCOM* 22(06), A05. <https://doi.org/10.22323/2.22060205> 11 December 2023

Stevenson, E. and McArthur, J. (2015) Triple nexus: improving STEM teaching through a research-public engagement-teaching nexus, *International Journal for Academic Development* vol 20 no.3, pp 291-294. 3 January 2015

Stevenson, E. and Rea, H., (2012) What does quality mean in public engagement with science? PCST International Conference in Science Communication 2012, *Conference Proceedings*. August 2012

Stevenson, E. (2011) Public engagement with science: ways of thinking and practising. *New Directions in the Teaching of Natural Sciences*. 7, pp. 45-51.

Stevenson, E. (2009) Public engagement with a twist. *New Directions in the Teaching of Natural Sciences*. 5, pp. 12-15.

Publications in chemistry

McNab, H., Parsons, S. and **Stevenson, E.** (1999) Pyrolytic cascades: a convenient entry to 5H-pyrrolo[2,1-a]isindol-5-ones and related heterocyclic systems, *J. Chem. Soc., Perkin Trans. 1*, 1999, 2047-2048.

Clark, B.A.J., Despinoy, X.L.M., McNab, H., Sommerville, C.C. and **Stevenson, E.** 1999 Pyrolytic cyclisation reactions of 3-azolypropenyl alcohols; unexpectedly facile thermal decomposition of 5*H*-pyrrolo[2,1-*a*]isoindole. *J. Chem. Soc., Perkin Trans. 1*, 1999, 2049-2052.

McNab, H., Morel, G. and **Stevenson, E.** 1997 A Short Convenient Synthesis of Propynal† *J. Chem. Res. (S)*, 207-207

Awards:

Royal Society of Chemistry: Award for the Promotion of Chemistry, 2007