

Dr Ed de Quincey

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EDUCATION

PhD Computer Science, Keele University (*Part time*) Staffordshire
Thesis Title: Software support for comparison of media across domains 2003–2010
http://www.eddequincey.com/Doctoral_Thesis_Final_EdeQ.pdf

MSc Information Technology, Keele University Staffordshire
MSc (Dissertation 72% - distinction) 2001–2002

BSc Biological Sciences, King's College London London
BSc (Hons) 2:2 1998–2001

Newcastle-under-Lyme School Staffordshire
A-levels: A,B ,B,C,E **GCSE's:** 4 A*'s, 5 A's and a B at AO Level. 1991–1998

EMPLOYMENT

University of Greenwich London
Senior Lecturer in Web Applications Development Sept 2009–Current
Lecturer and Course Co-ordinator on Undergraduate and Postgraduate computing modules.
Modules taught: Work Based Learning Project 2, Internet and Intranet Technologies, Digital Media Computing and Programming, Enterprise-wide Data Driven Websites.
Roles: UG Projects' Co-ordinator, UG, PG and UAS Student Projects' Supervisor, Case Study Week Organiser, e-Centre Member: Leader of the Social Networking/Web 2.0 Research Group

City University, City eHealth Research Centre (CeRC) London
Researcher in Semantic Web, Personalisation and Recommender Systems Nov 2008–Sept 2009
Projects included:

- The first published user evaluation of Semantic Web Browsers as part of the EU funded Sealife project
- Prediction of disease outbreak via analysis of user activity on online social networking websites
- Visualisation of web server logs to analyse user behaviour as part of the EU funded eBug project
- A Wiki based Field Manual for the ECDC including feasibility study and application development

Keele University Staffordshire
Teaching Fellow Jun 2006–Jan 2009
Lecturer and Module Co-ordinator on Undergraduate and Postgraduate computing modules.
Modules taught: Computer Programming, Human Factors, Computing Information Skills, The Web.
Roles: Outreach and Marketing Officer, UG and PG Student Projects' Supervisor, Member of the National Diploma in I.T. development consortium

Keele University Staffordshire
MSc Teaching Assistant Feb 2005–Jun 2006

This position involved supporting student learning in practical classes and tutorials along with production of VLE materials and related administrative duties.

Modules supported/taught: Web Technologies, Web Site Development, Object Oriented Programming, Object Based Application Development, Professional Practice and Networks and Distributed Systems.

Gredeq Ltd

Company Director

Staffordshire

Feb 2007—Current

Co-founder of a “spin off” company to commercialise various strands of research. This has included:

- A successful Trademark application for an online/mobile computer game
- A Patent for a product related to search visualization (WO/2010/015829)

Web Freelancer

Web Developer and Web Designer

Staffordshire

Jun 2002—Current

Both front end and back end development of a number of sites for regional and national organisations and companies. Clients have included:

- Local Education Authority, Keele University and the Open University
- A number of companies including Easy4Media Group Ltd, Invite.co.uk, Central Personnel and Tectum

SKILLS

- **Computing:** competent with a wide range of Microsoft products and have an excellent knowledge of XHTML, XML, CSS, Visual Basic, SQL, JavaScript, AJAX, jQuery, PHP, ASP, Java, Relational Database Design, User Centred Design and have experience with Perl, .NET, ActionScript 3, Flash, Apache, SQL and MySQL servers.

AWARDS

- Apple’s “Featured Web App” (April 2nd, 2008) and an Apple “Staff Pick” for “WebClipr” web application <http://www.apple.com/webapps/utilities/webclipr.html>
- Bizcom 2008 Winner and National Finalist (£1000) – Business Idea Competition

GRANTS and FUNDED PROJECTS

- Early Career Researcher Moodle Project Grant (£1,000) for set up and service of an ECR Moodle page.
- Technical lead on TQE funded “Social Bookmarking” project, which is investigating the use of social bookmarking by 200 students and lecturers.
<http://www2.gre.ac.uk/research/centres/centre/projects/social-bookmarking>
- City Commercialisation Grant to fund an MBA student Summer Internship (£1,000)
- Funding from CODEE for development of online games to teach differential equations in U.S. Universities (\$1,000)
- Mercia Spinner Grant (£7,000) for research into the potential uses of elicitation methodologies including software developed as part of my PhD
- Collaborator on “Software Visualisation” project with researchers at the Open University (£1,000)
- Management of TE3 grant funded (£10,000) “Multimedia Marketing Resource Kit” project
- Developer of online resources as part of the TE3 grant funded (£1,000) “Virtual Interviews with micro business entrepreneurs” project

PROFESSIONAL ACTIVITIES and MEMBERSHIPS

- Leader of the Web 2.0/Social Web for Learning Research Group at the eCentre
<http://www2.gre.ac.uk/research/centres/ecentre/research-groups/web-2.0>
- Visiting researcher, Knowledge Modeling Group, Keele University
- Guest Editor for Compass: The Journal of Learning and Teaching
- Editorial Board Member for Compass: The Journal of Learning and Teaching
- Reviewer for Expert Systems: The Journal of Knowledge Engineering
- eHealth 2011, eHealth 2010 Poster Chair
- eHealth 2011, eHealth 2010, eHealth 2009 Technical Program Committee member
- COGNITIVE 2009 Technical Program Committee member

PATENTS and TRADEMARKS

- Method of and apparatus for analysing data files (WO/2010/015829)
<http://www.wipo.int/pctdb/en/wo.jsp?WO=2010015829>
- Trademark for KEMAGA (online puzzle game)

INVITED TALKS and SEMINARS

- Presented “The use of social media for trend detection, promotion and sharing in localist activity” at Localism: Widening Horizons for Policy and Practice
- Presented “Social Bookmarking”, “Focusing on your local catchment area and students’ expectations of Computer Science” and “Early warning and outbreak detection using social networking websites: the potential of Twitter” seminars at the University of Greenwich
- Presented “National electronic Library of Infection, 2002 – 09 Information online” invited talk at eHealth 2010
- Presented “Potential uses of user activity on online social networking sites” seminar at Keele University
- Presented “Text Visualisation” seminars at the Open University and Loughborough University

PUBLICITY

- Invited talk at eHealth 2010 filmed for MEDI1TV (2010)
<http://bit.ly/eHealth2010TV>
- The Docklands 24: *Let the social networking begin: People the key to recording the Games* (2010)
<http://a.yfrog.com/img218/9725/2wh.png>
- The Daily Telegraph: *Twitter could help health official track swine flu* (2009)¹
<http://www.telegraph.co.uk/health/swine-flu/6193551/Twitter-could-help-health-official-track-swine-flu.html>
- The Times of India: *Twitter could help track swine flu spread* (2009)
<http://bit.ly/TimesOfIndiaTwitterSwineFlu>
- The Health Protection Agency (HPA): *Social networking sites could detect flu outbreaks faster* (2009)
<http://www.hpa.org.uk/NewsCentre/NationalPressReleases/2009PressReleases/090915Socialnetworking/>
- The Week at Keele: *Enterprising Keele Students Win Business Ideas Awards* (2008)
<http://www.keele.ac.uk/news/week/archive/2008/0509/0509-05.htm>

¹ Also reported in the Independent, the Times of India, the AFP, replicated in over 30 online news outlets and featured by the British Medical Journal (BMJ) in an online video feature.

Publications

BOOK CHAPTERS/SECTIONS

- de Quincey, E., Hocking, A., O’Gorman, A., Walker, S., Bacon, L. (2012) The use of Social Bookmarking by Health Care Students to create Communities of Practice. In: Electronic Healthcare. Berlin Heidelberg: Springer. *In Press*
- de Quincey, E., Kostkova, P., Jawaheer, G. (2012) Promoting e-Health Resources: Lessons Learned. In: Electronic Healthcare. Berlin Heidelberg: Springer. p103-110.
Available at: <http://www.springerlink.com/content/h5qp441558755x6k/>
- Szomszor, M., Kostkova, P., de Quincey, E. (2012) #swineflu: Twitter Predicts Swine Flu Outbreak in 2009. In: Electronic Healthcare. Berlin Heidelberg: Springer. In: Electronic Healthcare. Berlin Heidelberg: Springer. P18-26.
Available at: <http://www.springerlink.com/content/mt12098g21543p0q/>
- de Quincey, E., Kostkova, P. (2010) Early Warning and Outbreak Detection Using Social Networking Websites: The Potential of Twitter. In: Electronic Healthcare. Berlin Heidelberg: Springer . p21-24.
Available at: <http://www.springerlink.com/content/tw07427755x81225/>
- Oliver, H., Kostkova P., de Quincey, E. (2010) Data Triangulation in a User Evaluation of the Sealife Semantic Web Browsers. In: Electronic Healthcare. Berlin Heidelberg: Springer . p80-87.
Available at: <http://www.springerlink.com/content/r100542136g61x16/>
- de Quincey, E., Hawksley, C. (2009) Collaborative learning inside and outside of a Wiki Environment. In: Novel Approaches to Promoting Student Engagement. HEA Subject Centre for Information & Computer Sciences, p61-64.
Available at: <http://www.ics.heacademy.ac.uk/events/displayevent.php?id=205>

JOURNAL PUBLICATIONS

- de Quincey, E., Kostkova, P. Jawaheer, G., Farrell, D., McNulty, C., Weinberg, J. (2011) Evaluating the Online Activity of Users of the e-Bug Website. *Journal of Antimicrobial Chemotherapy*, 2011;66(suppl 5):v45-v49
Available at: http://jac.oxfordjournals.org/content/66/suppl_5/v45.full
- Kostkova P, Farrell D, de Quincey E, Weinberg J, Lecky D, McNulty C. (2010) eBug-teaching children hygiene principles using educational games. *Studies in health technology and informatics*. 2010;160:600-604.
Available at: <http://www.ncbi.nlm.nih.gov/pubmed/20841757>
- Quinney, D., de Quincey, E. (2010) An Online Application for Exploring Differential Equations. CODEE. In Press.
- Oliver, H., Diallo, G., de Quincey, E., Alexopoulou, D., Habermann, B., Kostkova, P., Schroeder, M., Jupp, S., Khelif, K., Stevens, R., Jawaheer, G., Madle, G. (2009) A User-Centred Evaluation Framework for the Sealife Semantic Web Browsers. *BMC BioInformatics, Semantic Web Applications and Tools for Life Sciences*, 2008, *BMC Bioinformatics* 2009, 10 (Suppl 10):S14.
Available at: <http://www.ncbi.nlm.nih.gov/pubmed/19796398>
- Petre, M., de Quincey, E. (2006) A gentle overview of software visualization. *Computer Society of India Communications*. August, 6-11. ISSN 0970-647X
- Petre, M., de Quincey, E. (2006) A gentle overview of software visualization. Autumn 2006 PPIG newsletter.
Available at: <http://www.ppig.org/newsletters/2006-09.html>

CONFERENCE PUBLICATIONS

- Garsten, N., de Quincey, E. (2012) Tweeting Credibility and Thankfulness: An Exploratory Study of Charity Twitter Accounts in the UK. Accepted for EUPRERA Spring Symposium.
- de Quincey, E., Hocking, A., O’Gorman, A., Walker, S., Bacon, L. (2011) The use of Social Bookmarking by Health Care Students to create Communities of Practice. e-Health 2011.
- de Quincey, E., Hocking, A., O’Gorman, J., Walker, S., Bacon, L. (2011) Using Social Bookmarking to create and share centralised collections of healthcare related resources. eLearning in Health 2011.
Available at: <http://www.health.heacademy.ac.uk/ea/elh/elhwpabstracts13052011>
- de Quincey, E., Hocking, A., O’Gorman, J., Walker, S., Bacon, L. (2011) The Use Of Social Bookmarking By Students Across Disciplines. eTeaching and Learning Workshop 2011.
Available at: <http://www.ics.heacademy.ac.uk/events/displayevent.php?id=252>
- de Quincey, E., Kostkova, P., Jawaheer, G. (2010) Promoting e-Health Internet Resources effectively: Tips and Tricks from NeLI promotion strategies. e-Health 2010.
- Szomszor, M., Kostkova, P., de Quincey, E. (2010) #swineflu: Twitter Predicts Swine Flu Outbreak in 2009. e-Health 2010.
- Kostkova, P., Szomszor, M., de Quincey, E., Jawaheer, G. (2010) The Potential of Twitter for Early Warning and Outbreak Detection. Abstract in the Proceedings of the Joint IPCAN/IFIC conference, 29th August – 1st September 2010, Cape Town, South Africa.
- de Quincey, E. & Quinney, D. (2010) An Online Application for Exploring Differential Equations. 1st One-Day Workshop on "Next Generation Learning: Using Games and Animation in Education".
Available at: http://www.eddequincey.com/papers/ngl_2010.pdf
- Wiseman, S., Kostkova, P., de Quincey, E. (2010) National Resource for Infection Control (NRIC) - tackling the challenge of conveying guidance during the Swine influenza A(H1N1) outbreak. Abstracts of the Tenth Congress of the International Federation of Infection Control (IFIC2009). International Journal of Infection Control, North America, 5, jan. 2010.
Available at: <http://www.ijic.info/article/view/5308/3651>.
- Wiseman, S., Kostkova, P., de Quincey, E., Jawaheer, G. (2010) Providing guidance during the swine flu outbreak in 2009: An evaluation study of the National Resource for Infection Control (NRIC). Poster and Abstract in the Proceedings of the 14th International Conference on Infectious Diseases (ICID), March 9-12th 2010, Miami, Florida, US.
Also published in International Journal of Infectious Diseases - March 2010 (Vol. 14, Supplement 1, Page 105)
Available at: [http://www.ijidonline.com/article/S1201-9712\(10\)01759-5/abstract](http://www.ijidonline.com/article/S1201-9712(10)01759-5/abstract)
- Kostkova, P., de Quincey, E., Jawaheer, G. (2010) The potential of social networks for early warning and outbreak detection systems: the swine flu Twitter study. Poster and Abstract in the Proceedings of the 14th International Conference on Infectious Diseases (ICID), March 9-12th 2010, Miami, Florida, US.
Also published in International Journal of Infectious Diseases - March 2010 (Vol. 14, Supplement 1, Pages 384-385).
Available at: [http://www.ijidonline.com/article/S1201-9712\(10\)00507-2/abstract](http://www.ijidonline.com/article/S1201-9712(10)00507-2/abstract)
- de Quincey, E & Kostkova, P, Wiseman, S. (2009) An investigation into the potential of Web 2.0 websites to track disease. Poster and abstract in the Proceedings of the Infection 2009 conference, Birmingham, UK, 11-13th November 2009.
- de Quincey, E., Oliver, H., Kostkova, P., Jawaheer, G., Madle, G., Diallo, G., Alexopoulou, D., Schroeder, M., Habermann, B., Khelif, K., Jupp, S., Stevens, R. (2009) Mining for Patterns of Semantic Link Usage: Do Domain Users Actually Like Semantic Browsing? wi-iat, vol. 3, pp.50-53, 2009 IEEE/WIC/ACM International Joint Conference on Web Intelligence and Intelligent Agent Technology.
Available at: http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=5285090

- de Quincey, E & Kostkova, P. (2009) An investigation into the potential of social networking sites to predict disease outbreak. Abstract in the Proceedings of the ESCAIDE 2009 conference, Stockholm, Sweden, 26th-28th October 2009.
- Wiseman, S., Kostkova, P., de Quincey, E. (2009) National Resource for Infection Control (NRIC) - tackling the challenge of conveying guidance during the Swine influenza A(H1N1) outbreak. Abstract in the Proceedings of the 10th Congress of the International Federation of Infection Control (IFIC), Vilnius, Lithuania, 8-10th October 2009
- Oliver, H., Kostkova P., de Quincey, E. (2009) Data Triangulation in a User Evaluation of the Sealife Semantic Web Browsers. E-Health 2009.
- de Quincey, E., Kostkova, P. (2009) Early Warning and Outbreak Detection Using Social Networking Websites: The Potential of Twitter. e-Health 2009.
- de Quincey, E., Kostkova, P., Farrell, D. (2009) Visualising web server logs for a Web 1.0 audience using Web 2.0 technologies: eliciting attributes for recommendation and profiling systems. In the Proceedings of the Workshop on Adaptation and Personalization for Web 2.0 in connection with UMAP 2009, June 22-26, 2009, Trento, Italy.
Available at: <http://sunsite.informatik.rwth-aachen.de/Publications/CEUR-WS/Vol-485/>
- Kostkova, P., Jawaheer, G., de Quincey, E., Madle, G., Wiseman, S. (2009) National Electronic Library of Infection (NeLI/NRIC) - the Best Available Evidence Online: 9 Years of Experience. IST-Africa 2009 Conference Proceedings, Paul Cunningham and Miriam Cunningham (Eds), IIMC International Information Management Corporation, 2008, ISBN: 978-1-905824-11-3.
Available at:
ftp://lenst.det.unifi.it/pub/LenLar/proceedings/2009/istafrica09/eHealth/Application/ISTAfrica2009_Paper_ref_198.pdf
- Oliver, H., Jupp, S., de Quincey, E., Alexopoulou, D., Habermann, B., Khelif, K., Kostkova, P., Jawaheer, G., Stevens, R., Ferguson, G., Surendranath, V., Wiseman, S., Mani-Saada, J., Diallo, G., Dietze, H., Madle, G., Weinberg, J., Schroeder, M. (2009) Evaluating the user experience of the Sealife Semantic Web browsers. Abstract in the Proceedings of the 17th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), Clinical Microbiology and Infection, Volume 15, Supplement 4, Helsinki, Finland, 16-19 May 2009.
Available at: <http://www.blackwellpublishing.com/eccmid19/abstract.asp?id=75898>
- de Quincey, E., Hawksley, C. (2008) Collaborative learning inside and outside of a Wiki Environment. In the Proceedings of ICS Novel Approaches to Promoting Student Engagement Workshop.
Available at: <https://sites.google.com/a/ulster.ac.uk/student-engagement-workshop/provisional-programme/poster-presentations>

CONFERENCE POSTERS and PRESENTATIONS (Peer reviewed)

- de Quincey, E., Hocking, A., O’Gorman, J., Walker, S., Bacon, L. (2011) Using Social Bookmarking to create and share centralised collections of online resources. Oral presentation at Enhanced and Transformed: Tales from the Digital Age.
- Hocking, A., O’Gorman, J., de Quincey, E. (2010) The use of Social Bookmarking by health and social care students. Poster presentation at eHealth 2010.
Available at: <http://www.flickr.com/photos/eddequincey/5240461187/>
- Lecky, D., de Quincey, E., Phin, N., McNulty, C.A.M. (2010) The use of e-Bug during the pandemic flu outbreak. Poster presentation at Health Protection 2010.
- de Quincey, E. & Peter, S. (2010) Using online social networking services like Twitter to measure the impact of the Olympics before and during the Games. London Legacies Conference 2010.
Available at: http://www.eddequincey.com/abstracts/london_legacies_2010.pdf
- Kostkova, P., Farrell, D., de Quincey, E., Weinberg, J., Lecky, D., McNulty, C. (2010) eBug – teaching children hygiene principles using educational games. 13th World Congress on Medical and Health Informatics Medinfo 2010.

- Jawaheer, J., de Quincey, E., Wiseman, S., Kostkova, P. (2010) National Resource for Infection Control (NRIC) – conveying guidance during the Swine Flu outbreak: an Evaluation Study. 13th World Congress on Medical and Health Informatics Medinfo 2010.
- de Quincey, E., Kostkova, P., Jawaheer, G. (2010) The Potential of Twitter for Early Warning and Outbreak Detection. Poster presentation at 13th World Congress on Medical and Health Informatics Medinfo 2010.
- Kostkova, P., de Quincey, E., Jawaheer, G. (2010) The potential of Twitter for early warning and outbreak detection. Abstract accepted for 20th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID). Vienna, Austria: 2010.
Available at: <http://www.blackwellpublishing.com/eccmid20/abstract.asp?id=84989>
- de Quincey, E. & Kostkova, P. (2009) Early warning and outbreak detection using social networking websites: the potential of Twitter. Oral presentation at Second International ICST Conference on Electronic Healthcare for the 21st century.
- Oliver, H., Kostkova P. and de Quincey, E. (2009) Data Triangulation in a User Evaluation of the Sealife Semantic Web Browsers. Oral presentation at Second International ICST Conference on Electronic Healthcare for the 21st century.
- de Quincey, E. & Kostkova, P. (2009) Using online social networking services like twitter to detect disease outbreak. Oral presentation at Health Protection 2009, 14-16 September at Warwick University.
- de Quincey, E. (2009) Focusing on your local catchment area and students' expectations of Computer Science. Oral presentation at Increasing Student Numbers in Computing Workshop, HEA and British Computer Society.
Available at: <http://www.ics.heacademy.ac.uk/events/displayevent.php?id=211>

WORKSHOPS (Peer reviewed)

- de Quincey, E., Hocking, A., O'Gorman, J., Walker, S., Bacon, L. (2011) Using Social Bookmarking to create and share centralised collections of healthcare related resources. eLearning in Health 2011.
<http://www.health.heacademy.ac.uk/ea/elh/elhwpabstracts13052011>