Lecturer/Senior Lecturer in Speech and Language Processing

Department of Linguistics and English Language

Grade: UE08/UE09

Closing date: 5pm, 25 March 2019
Interview Date: TBC - May 2019
Vacancy number: 046953
The School of Philosophy, Psychology and Language Sciences is seeking to appoint a Lecturer/Senior Lecturer in Speech and Language Processing to our department of Linguistics and English Language.

The post holder will contribute distinguished teaching, research, public impact, and leadership in the field of Speech and Language Processing.

It is essential that the successful candidate present a research profile, in both experience to date and in future potential, which is at the forefront of cognitive science of language relative to career stage. He or she will also demonstrate experience, achievement and outstanding potential reflected in a growing personal teaching, supervisory, research and public-impact portfolio.

This is a full time open ended post, with an opportunity for appointment at senior lecturer level, for which the post holder will be expected to have demonstrated leadership experience and to contribute actively to the management of the subject area. The anticipated start date of role is July/August 2019.

Interviews are anticipated to take place in May 2019 and we aim to contact shortlisted candidates in April 2019.

Applicants are asked to include the following PDFs as part of their application: (1) full CV, (2) cover letter, (3) research statement (max two pages) and (4) teaching statement (max two pages) including an indication of courses you would like to teach, which may be courses already in our programmes (see here) or new courses of your own design. Applicants should not submit writing samples, student evaluations of teaching, or letters of reference when applying.

Short-listed candidates will be required to attend a two day recruitment process, where they will be asked to deliver both research and teaching presentations to faculty colleagues and students, as well as a formal panel interview. A full timetable will be issued in advance.

The department of Linguistics and English Language particularly welcomes applications from candidates belonging to groups that have been traditionally underrepresented in the subject, including, but not limited to, women and ethnic minorities.

For more information on our family-friendly policies please visit our HR webpages.

Applications can be made via our University vacancy pages.
Job Purpose

The successful candidate will undertake original research in an area of speech technology, offer courses in this area, contribute to our thriving Masters programme in Speech & Language Processing, and supervise and recruit PhD students.

In addition to contributing to the department of Linguistics and English Language, the role will also make a leading contribution to the development of the multi-disciplinary CSTR, which is concerned with research in all areas of speech technology including speech recognition, speech synthesis, speech signal processing, information access, multimodal interfaces and dialogue systems. The successful candidate will also be expected to build external collaborations and to demonstrate potential for attracting external grant funding.

We are open to candidates from a variety of different primary and secondary fields. Whatever the specific primary or secondary field, we expect that candidates will have a background in experimental methodology and quantitative analysis, and can teach these methods at a high level. We would welcome candidates who are able to teach Python programming at beginner to intermediate levels. We particularly encourage candidates with a collaborative approach, who can envision themselves working with theoreticians and experimentalists in a variety of fields, and who can situate their study of language in the wider study of cognition and/or other scientific fields.

Main Responsibilities

1. (a) Contribute to the research work of the Subject Area, by pursuing a clearly independent research programme in Speech and Language Processing at an international level that leads to regular publication and presentation of results in peer-reviewed venues and to successful applications for external funding.
   (b) Represent the work of the University in the field locally, nationally and internationally in relevant networks and/or in public activities. (Approx % of time 40%)

2. (a) Apply knowledge derived from research to teaching in Speech and Language Processing, including the supervision and recruitment of PhD students and post-doctoral researchers.
   (b) Teach, supervise and assess at all levels, ranging from foundational to advanced topics in the post holder’s specialist area, and also more broadly within the field of Linguistics as necessary.
   (c) Take responsibility for the design and development of course units and for their quality, and contribute generally to the development of new courses and maintain teaching quality within the Subject Area.
   (d) Provide advice and support to students. This includes acting as a Personal Tutor for a set of students and meeting with them regularly throughout the year.

The successful candidate should contribute to the teaching objectives of the department and the School. Teaching duties may include the delivery of lectures and small group tutorials and the supervision of undergraduate and postgraduate projects and dissertations. This includes provision of high quality assessment feedback in a timely fashion (Approx % of time 40%)

3. Undertake further leadership and administrative duties, as specified by the Head of School or Head of Subject Area (Approx % of time 20%)
Planning and Organising

- Assume responsibility for own time management.
- Plan own research, use of resources, including applications for external funding.
- Prepare, organise, deliver, and assess relevant undergraduate and postgraduate courses and meet all relevant deadlines. This includes providing training and guidance, where appropriate, for tutors on these courses.
- Supervise PhD students through timely and regular meetings.
- Plan relevant activities associated with the Personal Tutor role such as meetings regularly throughout the year.
- Organise activities associated with any administrative role carried out on behalf of the Subject Area or School.

Problem solving

- Solve problems relating to own research, including seeking out appropriate external resources.
- Respond to student feedback on teaching and assessment through changes in course design and course content as appropriate.
- Develop appropriate responses to problems or issues that arise in respect of administrative roles.

Decision Making

- Decide on own work priorities, and on when key School contacts such as Head of Subject Area or Head of School should be approached for support or advice.
- Decide on an appropriate research strategy and on how best to implement this, including selecting appropriate means and output locations for publishing research findings and deciding on how best to seek out external funding.
- Decide on appropriate teaching material for courses at various levels and how best to present this material to students and how it is best assessed.
- Decide on the best way to deal with student queries, including deciding on when to approach other key School contacts for further support.

Key Relationships

- UG and PG students.
- Other teaching colleagues within the subject area.
- Head of subject area/Head of School.
- Professional services staff across the School.
- University colleagues.
- External contacts such as organisers of research conferences, representatives of learned societies or other professional organisations, representatives of research funding bodies.
The successful applicant should have:

### Knowledge, Skills and Experience Needed For Lecturer

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<th>Essential</th>
<th>Desirable</th>
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<tr>
<td><strong>E1</strong> Extensive experience of original research in an area of Speech and Language Processing, supported by a relevant qualification (normally a PhD or equivalent).</td>
<td><strong>D1</strong> A proven record of accomplishment of high impact publications in journals having international standing.</td>
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<td><strong>E2</strong> A strong track record of first author and/or collaborative publications in high quality venues.</td>
<td><strong>D2</strong> Evidence of having applied for external research funding.</td>
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<td><strong>E3</strong> Evidence of experience in teaching, indicative of commitment to and potential for excellence in undergraduate and postgraduate teaching.</td>
<td><strong>D3</strong> Prior experience of course/curriculum design and development.</td>
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<td><strong>E4</strong> Evidence of recent, sustained and developing investigative research and publication activities, appropriate to career stage, meeting standards of international excellence.</td>
<td><strong>D4</strong> An interest in knowledge exchange and applications.</td>
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<td><strong>E5</strong> Ability to communicate highly theoretical material to a diverse audience. A deep commitment to delivering engaging and effective teaching and supervision to students at all levels and from diverse backgrounds, using appropriate teaching methods.</td>
<td><strong>D5</strong> Evidence of potential for academic leadership and management.</td>
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<td><strong>E6</strong> Excellent communication and interpersonal skills.</td>
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<td><strong>E7</strong> Ability to engage effectively with the wider academic and professional community.</td>
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<td><strong>E8</strong> Ability to work in a team to deliver teaching and learning objectives.</td>
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<td><strong>E9</strong> Ability to lead, motivate, and support others, with a particular focus on students and teaching teams.</td>
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The successful applicant should have in **addition**: 

<table>
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<tr>
<td><strong>E1</strong></td>
<td><strong>D1</strong></td>
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<tr>
<td>Evidence of research and publication activities in Speech and Language Processing, meeting standards of world-leading excellence.</td>
<td>Evidence of experience of knowledge exchange and/or engagement with public bodies and stakeholders and the wider public.</td>
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<td><strong>E2</strong></td>
<td><strong>D2</strong></td>
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<td>A proven track record in teaching leadership, in curriculum development, indicative of excellence in undergraduate and postgraduate teaching, and in the development of new courses/programmes at postgraduate and undergraduate levels.</td>
<td>Evidence of experience of academic leadership and management.</td>
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<td><strong>E3</strong></td>
<td><strong>D3</strong></td>
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<td>Evidence of the ability to supervise throughout the curricula from undergraduate dissertations to PhD dissertations inclusive.</td>
<td>Demonstrable success in winning research funding from external sources.</td>
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<td><strong>E4</strong></td>
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<tr>
<td>Evidence of commitment to pursuing research funding from external sources.</td>
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Edinburgh has a lively department of Linguistics and English Language with world-leading research and an enthusiastic and supportive teaching culture. We house 33 academic staff who cover a wide range of topics from the early history of English to speech synthesis. Linguistics at Edinburgh ranks 5th in the world and 2nd in the UK (QS World University Rankings by Subject 2017).

Our research is placed first for Modern Languages and Linguistics in the Times Higher Education rankings of the Research Excellence Framework 2014.

We have two research centres: the Angus McIntosh Centre for Historical Linguistics, and the Centre for Language Evolution. We are also the founders of Bilingualism Matters, a centre for public engagement, which has 16 branches across Europe and the US. Along with Informatics, Linguistics and English Language is a founder member of the University’s Centre for Speech Technology Research.

Our research specialisms range from syntax, semantics, pragmatics, morphology, phonetics, and phonology to language and identity, variationist sociolinguistics, the linguistics of English, language evolution, language acquisition and development, and language change.

We have a well-established and large PhD programme, with many of our PhD graduates going on to successful academic careers. We also offer eight taught MSc programmes and an MSc by Research. Each year, our graduate students organise the Linguistics and English Language Postgraduate Conference, an international event which has run for over 20 years. The department has access to fully-equipped facilities for EEG/ERP and eye-tracking research, and a state-of-the-art recording studio.

Undergraduate teaching, which draws on our well-established research strengths, ranges from first year classes of around 290 students (including a first year intake onto Linguistics or English Language single and joint honours degree programmes of around 150 students) to some 60 students who choose to write their undergraduate dissertations with us. The Linguistics and English Language student society, LangSoc, runs a lively programme of talks and events and is the host of the 2018 conference for Undergraduate Linguistics Association of Britain (ULAB). As well as our single honours degrees, we offer a wide range of joint honours degrees with subjects including English Literature, Philosophy, Psychology, Social Anthropology and Modern Languages. Our teaching is well-regarded by students and external examiners, and we score highly in the National Student Survey (NSS 2017).

Linguistics and English Language has close ties with Psychology and Philosophy, the other two areas within its home School; beyond the School, the department has links with Edinburgh's renowned Schools of Education and Informatics.

For further information please visit our departmental web page: www.lel.ed.ac.uk
The School comprises Philosophy, Psychology, and Language Sciences (Linguistics and English Language). We offer a rich and diverse learning and research environment for our staff and students, with close links between our three subject areas, alongside other world-class research areas within the University and beyond.

In all subject areas the School is recognised as world-leading, as shown in its excellent output across all areas in the 2014 Research Excellence Framework. In the latest Research Excellence Framework (REF 2014), our research environment is rated as 100% conducive to internationally excellent research across all subject areas.

All of the School’s subject areas consistently rank in the top 50 in the world.

- Linguistics ranks 5th in the world and 2nd in the UK (QS World University Rankings by Subject 2017).

- English Language is grouped with Literature in the QS World University Rankings by Subject 2017, where the University ranks 11th in the world and 3rd in the UK.

- Psychology ranks 20th in the world, and 2nd in the UK in the Times Higher Education World University Rankings 2018 by subject.

- Philosophy was covered in the Times Higher Education World University Rankings 2018 subject grouping 'history, philosophy and theology’ where the University ranks 27th in the world and 5th in the UK.

The School is unique in offering outstanding opportunities for interdisciplinary teaching and in pioneering novel forms of research that reach across traditional boundaries. In 2016/17, the School welcomed nearly 2000 undergraduate and postgraduate students from around the world onto our diverse range of programmes.

The School has well established links with other areas of the University such Clinical Neuroscience, Medicine, Informatics and Edinburgh College of Art.

This large and diverse teaching portfolio is augmented by the breadth of our research portfolio, whereby we are able to secure large volumes and value of externally funded research grants. Our core income budget is circa £23m per annum.
There are over 150 academic staff within the School, and the breadth of expertise ranges from analytic philosophy and the study of English language, through theoretical and applied linguistics, philosophy of science and epistemology and experimental psychology, to cognitive neurosciences and genetic influences on human behaviour.

Alongside this, we have six research centres which further drive our research and help put our research into practice, connecting academia with industry, policy and the general public.

- **Alzheimer Scotland Dementia Research Centre** – dementia research centre in collaboration with Alzheimer Scotland.

- **Angus McIntosh Centre for Historical Linguistics** – research centre focused on historical linguistics and language change, centred on the history of English and Scots.

- **Bilingualism Matters** – a centre promoting bilingualism and language learning to the general public.

- **The Centre for Cognitive Ageing and Cognitive Epidemiology (CCACE)** – famous for its intelligence studies with the Lothian Birth Cohort.

- **The Centre for Language Evolution** – interdisciplinary centre focused on understanding the origins and evolution of language.

- **EIDYN** – Philosophy research centre focusing on epistemology, mind and normativity.

The School offers extensive professional service support for academics across a wider range of administrative operations, including:

- Dedicated undergraduate and postgraduate teaching offices.

- Research and knowledge exchange support team.

- A highly skilled and specialised IT team who provide support relating to learning technology, and extensive support and facilities for data collection and experimentation across cognitive science.

We are situated within the central University campus across two adjacent buildings which occupy the heart of University’s George Square Campus, with dedicated, specialist laboratory and experimentation areas across our buildings.

We are fully committed to recognising and supporting equality and diversity amongst our staff and students. In 2017 we were awarded an Athena SWAN Bronze award by the Equality Challenge Unit’s Athena SWAN charter in recognition of our efforts to promote a School culture of equality.
Who’s Who

In The Department of Linguistics and English Language

Professor Nikolas Gisborne
Head of Linguistics and English Language

Prof Nik Gisborne was educated at University College London, in the English Department and the Linguistics Department. He joined the University of Edinburgh in 2002, becoming Professor of Linguistics in 2012 and Head of Subject in 2017. He teaches courses in semantics, particularly lexical semantics, and syntax. Nik’s research specialises in theoretical linguistics, especially dependency theory and Word Grammar; syntax and lexical semantics; and syntactic change. He has worked extensively on argument linking and predication. More recently, he has become interested in problems of long diachrony in language change, and the role of contact in linguistic change.

Dr Hannah Rohde
Research Director

Hannah Rohde works in experimental pragmatics, using psycholinguistic techniques to investigate questions on the interpretation of ambiguity and the establishment of discourse coherence. She came to Edinburgh in 2011, after an undergraduate degree in Computer Science and Linguistics (Brown University), a PhD in Linguistics (UC San Diego), and Mellon postdoctoral fellowships (Northwestern and Stanford). She has helped organise the EU-wide “TextLink: Structuring discourse in multilingual Europe” COST Action network and is a recipient of the Philip Leverhulme Prize in Languages and Literatures.

Dr Graeme Trousdale
Honours Convener

Dr Graeme Trousdale is the department’s Honours Convenor with responsibility for the undergraduate curriculum. He is a cognitive linguist with special interests in Construction Grammar and language change, in particular the history of English. Together with Elizabeth Traugott of Stanford University of the author of the recent book Constructionalization and Constructional Changes.

Who’s Who

in The School of PPLS

Prof Holly Branigan
Interim Head of School

Professor Branigan joined the Psychology department at the University in 1999 after a BA in Language and Linguistic Science (York), an MSc and PhD in Cognitive Science (Edinburgh), and a British Academy Fellowship (Glasgow/Edinburgh). She has held a Personal Chair in Psychology of Language and Cognition since 2011. Her main areas of interest are language production and dialogue in monolingual and bilingual adults. More recently, she has also begun to carry out related research with typically and atypically developing language.

Prof Matthew Chrisman Interim Deputy Head of School

Professor Matthew Chrisman joined the University in 2006 after completing his PhD at the University of North Carolina. He is the author of The Meaning of ‘Ought’ (Oxford 2016), and his research is focused on ethical theory, the philosophy of language, epistemology and political philosophy. He regularly teaches courses on morality & value, metaethics and environmental ethics.

Michael Murray
Director of Professional Services

Michael Murray joined the School of PPLS from the University of Glasgow in June 2015 and has worked in higher education for over a decade. As Director of Professional Services, Michael leads the organisation, planning and management of the comprehensive range of support services within the School, and works closely with senior academic managers to support School planning, strategy and financial management.
For more than four centuries, our people and their achievements have rewritten history time and again. They've explored space, revolutionised surgery, published era-defining books, paved the way for life-saving medical breakthroughs and introduced to the world many inventions, discoveries and ideas from penicillin to Dolly the sheep. We have believed that anything is possible, we still do.

The latest Research Excellence Framework highlighted our place at the forefront of international research. This adds to our international reputation for the quality of our teaching and our student experience excellence. The University is proud of its success with online teaching initiatives, with 2550 students currently studying its online distance learning postgraduate programmes, and a total to date of more than 2 million enrolments for Edinburgh Massive Open Online Courses (MOOCs).

As a member of staff, you will be part of one of the world’s leading universities, with 20 Schools spread over 3 Colleges that offer more than 1600 undergraduate and 600 postgraduate programmes to over 35,000 students each year. Professional services are critical to this success as well as our world-class teaching, research and student facilities. In fact, we are one of the top employers in Edinburgh, with over 13,000 people spread across a wide range of academic and supporting roles.

As a world-changing, world-leading university, we offer an exciting, positive, creative, challenging and rewarding place to work.

We give you support, nurture your talent, develop and reward success and integrate academic, professional and personal career goals, as well as give your career the benefit of a great and distinguished reputation.

Pay, Benefits and Conditions

In addition to a competitive salary, our employees benefit from a competitive reward package and a wide range of staff benefits, which include:

- generous annual leave allowance
- defined benefits pension scheme
- staff discounts on a range of services
- on-campus nurseries

Access our staff benefits page for further information and use our reward calculator to find out the total value of pay and benefits provided.

Relocation

Edinburgh is one of the most diverse Universities in the UK, with staff and students from over 160 countries. Our Relocation Support website has been created to assist you, and your family, with settling into life in Edinburgh.

You can use the pages as a source of information but if you have any specific questions please contact relocation.support@ed.ac.uk
The City of Edinburgh

Edinburgh is a beautiful city that has something to offer everyone. Whether you prefer a quiet restaurant, a lively night out or something in between, you are bound to find it in Edinburgh. Regularly ranked as on the “Best Place to Live in the UK”, Edinburgh has many strings to its bow.

Culture and Entertainment

Home to the largest arts festival in the world, The Edinburgh International Festival brings the month of August alive in the city where residents are spoilt with first class theatre, music, performance art and comedy all on their doorstep. The abundance of galleries and museums such as The Museum of Scotland, Scottish National Gallery and Scottish National Portrait Gallery to name but a few, means that there is always opportunity to soak up some culture all year round.

For those who wish to feed their bellies as well as their minds, Edinburgh boasts the highest number of Michelin starred restaurants in the Scotland, and has more restaurants per head of population than any other UK city outside of London.

The historic appeal of the Athens of the North has led it to become renowned for its monuments and attractions including the Scott Monument, National Monument on Calton Hill and of course the Edinburgh Castle itself; which dominates the city skyline, no more so than on Hogmanay with the world’s biggest street party and fireworks extravaganza to match!

Transport and Districts

Air Links - Several airlines fly to the Edinburgh from the principal European cities, and there are very frequent services from London. If booked well in advance, travel to Edinburgh by air can be cheap, particularly from London. For more information check the Edinburgh Airport website. Bus and tram connections operate 24/7 and with an average journey time of 25-30mins form the city centre.

Rail Links - Travelling to Edinburgh from other parts of the UK is generally easy by train and both Waverly and Haymarket train stations are centrally located with support routes provided by the bus and tram networks.

Transport Around Edinburgh – Edinburgh has an excellent level of public transport provision compared to many cities in the UK. We have our own Transport and Parking Department here in the University of Edinburgh and they can provide lots of advice on getting around the city plus details on staff parking facilities on campus.
Edinburgh Districts

Edinburgh is a highly sought after place to live. Its beautiful city centre covers the Georgian splendour of the New Town, with its grand terraces, crescents, gardens, and upmarket shopping boutiques and bars, and the narrow closes, winding stairways, and historic charms of the Old Town. Nearby communities such as Morningside, Bruntsfield, Stockbridge and Newington remain in easy reach of the city centre as well provide a local community feel.

Explore all of Edinburgh’s districts on our website.

Nurseries and Schools

Based at King's Buildings, The University’s Arcadia Nursery, designed around the concept of ‘free play’ by award winning architect Malcolm Fraser and provides the perfect environment for children to blossom.

There is however, no obligation to place your child in University's nursery. There are many other childcare options in Edinburgh. The Edinburgh Council website provides information about childcare across the City.

There are two main types of school in the UK, state and independent schools. State Schools make up the majority of schools and are funded by the government. There is no fee for your children to attend these schools. Independent schools require a fee for your child to study there, although there are bursaries available. The school your child can attend is usually dictated by the area in which you live. You cannot apply for a school place until you have an address in the area (this is not the case for fee paying/independent schools). The council has ‘catchment areas’ for each school and have a duty to provide schooling for your child, but if your first choice school has no places left, they may have to recommend a school further away. As Edinburgh is our capital city, many of the schools fill up quickly. Some families consider living a commutable distance from the city in order to have a larger choice of schools. East Lothian and West Lothian Councils cover school areas a commutable distance from Edinburgh.

How to Apply

Apply online via our University of Edinburgh Vacancy pages

- https://www.vacancies.ed.ac.uk
- Find this job using Reference 046953
- Complete the on-line application form as set out and in line with the instructions provided.

Any questions?

Informal enquires should be directed to hod.lel@ed.ac.uk

If you have any questions about your application or the recruitment process please contact ppls.hr@ed.ac.uk