

**Inside this issue:**

Research in Progress meeting	<b>1</b>
BAS Therapy Symposium	<b>1</b>
AphasiaNow Conference	<b>2</b>
Aphasia Alliance Campaign launch	<b>3</b>
Join the BAS Committee	<b>4</b>
BAS Membership & Constitution	<b>6</b>
BAS Therapy Symposium Call For Papers	<b>7</b>
Research Round Up	<b>8</b>
BAS Student Project Prize Winner	<b>9</b>
Events Diary	<b>10</b>
Committee Contact details	<b>11</b>
Conference Support Fund	<b>11</b>
BAS Student Prizes	<b>12</b>
BAS online Discussion group	<b>12</b>
Research in Progress Meeting - <b>full details</b>	<b>13</b>

School of Psychology &  
Clinical Language Sciences



British Aphasiology Society



## Research in Progress Meeting

### Controversies in verb and sentence processing: Assessment and therapy

**10 April 2008**

Speakers include:

**J. Druks (UCL)**

**R. Varley (Sheffield)**

**A. Whitworth (Newcastle)**

**J. Hunt (Southmead Hospital, Bristol)**

**J. Doleman & C. McCann (Auckland, NZ)**

Members of BAS who wish to attend are asked to pay a £5 charge to cover expenses. To register please download a registration form from the BAS website, or contact Christos Salis, tel. 0118 378 74 67, [c.salis@reading.ac.uk](mailto:c.salis@reading.ac.uk)

**See page 13 for full details**

## British Aphasiology Society Therapy Symposium, 2008



University of East Anglia, Norwich  
September 8<sup>th</sup> - 9<sup>th</sup>, 2008

**'Call for Papers'**

**deadline for Abstract submissions is 30<sup>th</sup> April**

For information about submitting a paper or poster for presentation at the Symposium, please contact: Simon Horton, School of Allied Health Professions, Queen's Building, University of East Anglia, Norwich NR4 7TJ. Tel: 0044 (0)1603 593060 or email [s.horton@uea.ac.uk](mailto:s.horton@uea.ac.uk). Register via [www.ncore.org.uk](http://www.ncore.org.uk)

**See full advert on page 7**

## By Aphasic People, For Aphasic People

Around 75 participants from all over the UK and Ireland, mostly aphasic people and their partners, attended a conference organised by AphasiaNow on the 17<sup>th</sup> and 18<sup>th</sup> of September, 2007, at the Royal Agricultural College, Cirencester, Gloucestershire. The conference was organised by aphasic people, was specifically for aphasic people, and focused on the theme of *Aphasia, Confidence and Me: What has really helped Me*.

The emphasis was very much on the future. A range of inspirational talks by aphasic speakers covered a range of experiences of living and developing with aphasia. There was also a workshop for family members by a neuropsychologist on 'understanding and managing cognitive and emotional changes', and sessions on alternative therapies. There were some musical performances by people with aphasia, an art exhibition featuring work by aphasic people and workshops ranging from computers and therapy software to wet-on-wet painting, Raku pottery and eurythmic movement.

Conference sessions highlighted the work of a variety of groups, such as Dyscover, which offers long-term support to people with aphasia and their families.

In a plenary 'discussion', Chris Code, Patron of AphasiaNow, interviewed Sue Gilpin (a member of the European Disability Forum), Dr Jenny Dautlich (co-founder and Chair of AphasiaNow) and AphasiaNow

committee member Tony Baldwin. The interviews provided the opportunity for aphasic people to share their individual positive experiences of living with aphasia.

Dr Jane Mortley was also on hand to help participants have an opportunity to try out the latest aphasia therapy software, and Dr Brian Petheram from the Speech and Language Therapy Research Unit at Frenchay ran two 'computing for people with aphasia' workshops, which were very popular.

Visit: [www.aphasianow.org](http://www.aphasianow.org) for conference feedback pictures and video clips.

### Proceedings for 2007 BAS Biennial International Conference Online

You can view the full programme and abstracts for all presentations and posters on the BAS website at [www.bas.org.uk](http://www.bas.org.uk).

Go to the Activities and Events page and click on the Proceedings link.

## Aphasia – the hidden disability



**The Aphasia Alliance** launches a crucial awareness-raising campaign on 14 April 2008. The campaign *Aphasia – the hidden disability* aims to raise awareness of aphasia among the general public through media coverage.

The Aphasia Alliance is a UK-wide coalition and its member organisations are: British Aphasiology Society, Chest, Heart & Stroke Scotland, Connect, Different Strokes, Dyscover, Royal College of Speech and Language Therapists, Speakability, Speakeasy, The Tavistock Trust for Aphasia, The Stroke Association and Speechmatters (part of the Stroke Association).

As part of the campaign the Aphasia Alliance has commissioned a public survey to gauge levels of awareness among the general public. The results will be published as part of the campaign launch on 14 April and then be available for use by all members of the Aphasia Alliance - including the British Aphasiology Society.

'This is a really important piece of work as it will give us a clear indication of how much the person in the street knows about aphasia,' comments Richard Mountford (Aphasia Alliance Media Officer). 'People with aphasia often identify the lack of public knowledge about the condition as their main source of frustration but until now there haven't been any statistics available confirming how few people actually know what aphasia is.'

The perception is that public awareness of aphasia is low and this serves to increase the hidden nature of this frustrating disability, as Richard explains: 'People with aphasia may face discrimination and public ignorance because of the lack of public awareness and because it is poorly understood'.

Member organisations of the Aphasia Alliance are contributing to the hidden disability campaign in different ways. The activities they are undertaking range from targeting the health industry and the people who make decisions on service provision about the treatment and rehabilitation that stroke survivors receive, to lobbying MPs, to carrying out specialist pieces of research. Richard Mountford enthuses 'I'd encourage all BAS members to get involved by approaching their local media and local MPs about things going on in the community'.

**For more information** on *Aphasia – the hidden disability* campaign please contact Richard Mountford on 0207 5661 534 or e-mail [Richard.mountford@aphasiaalliance.org](mailto:Richard.mountford@aphasiaalliance.org)

**'I'd encourage all BAS members to get involved by approaching their local media and local MPs about things going on in the community.'**

Richard Mountford, Aphasia Alliance

## An invitation to join the BAS committee

Looking ahead, September 2008 brings the BAS Therapy Symposium in Norwich and the AGM... where we are looking to appoint new members to the committee, as some individuals will be standing down completely.

There are two positions 'up-for grabs' - **BAS Chair** and **BAS Research in Progress co-ordinator**. If you have always thought you'd like to have a go, then here's your opportunity. Alternatively, you may have a colleague who you would like to nominate. We'd love to hear from you.

The details of each role include:

### **British Aphasiology Society Chair**

As Chair you will have a good overview of the Society and the opportunity to influence the direction that BAS takes. You will chair the three annual committee meetings and the AGM. There is also the possibility of representing BAS at various other forums, such as the Aphasia Alliance, and liaising with key stakeholders in stroke and aphasia, such as the Stroke Association and the Tavistock Trust for Aphasia. We are looking for someone to start learning the ropes now, with the aim of taking on the role in full after the September AGM.

### **Research in progress coordinator**

The meetings for research in progress take place once per year. The coordinator's role is to identify host institutions, support the organisers throughout the process, and to act as a link between the BAS committee and the local organisers, to ensure that all aspects of the meeting proceed smoothly.

To nominate yourself or someone else for either of these key roles please fill in the nomination form overleaf.

For more information on these posts please contact the current post holder for an informal discussion: for the post of chair contact Ruth Herbert ([chair@bas.org.uk](mailto:chair@bas.org.uk)) and for research in progress coordinator contact Lisa Perkins ([research-in-progress@bas.org.uk](mailto:research-in-progress@bas.org.uk))

Two committee members are standing for re-election: Catherine Hodgson, website organizer, and Emma Eaton the BASics officer.



## British Aphasiology Society

### Committee Member Nomination Form 2008

The British Aphasiology Society exists to foster the development of the study of aphasia: encouraging the dissemination of knowledge about aphasia and its treatment, and promoting the interests of people with aphasia.

BAS will be holding its Annual General Meeting in September 2008, during the BAS Therapy Symposium in Norwich. One purpose of the AGM is to appoint new Committee Members. The BAS Committee ensures that the organisation is meeting its aims and acting within its constitution. It is responsible for managing BAS's finances, developing the programme of events, managing special schemes such as the Essay/Project prizes and the Conference Support Fund, and generating and disseminating publications (including the newsletter). The committee meets approximately 3 times a year.

This year two of the current committee members will be stepping down and two other members are standing for re-election.

We are now seeking nominations for new committee members for the posts of Chair of BAS and Research-in-Progress co-ordinator. Nominations are sought from the variety of disciplines associated with the study of aphasia (including psychology, speech and language therapy, anthropology, sociology, linguistics etc), from both clinical as well as research personnel, so as to maintain the balance between these fields.

If you wish to nominate someone please use the form below. Nominators, seconders and nominees must be BAS members. Nominations must be received by the BAS Secretary by Friday, 8th August 2008.

---

I wish to nominate.....as a BAS Committee member

Name of Nominator:.....Signature:.....

Name of Secunder:..... Signature:.....

I confirm that I am willing to stand for the BAS Committee in one of the following roles: *(please tick which of the roles which you would be willing to take on)*

BAS Chair

Research in Progress co-ordinator

Signature of Nominee:.....

Address and contact telephone number of Nominee:

Return to: Frauke Buerk, BAS Secretary at Newcastle General Hospital, Westgate Road, Adult Speech and Language Therapy, Newcastle upon Tyne, NE4 6BE

### Constitution changes

The committee has identified various changes to the Constitution. The Constitution states that changes must be voted in by members at a meeting of the Society. We have posted the previous and the revised Constitution on the BAS website, with all changes clearly marked. **Please can members check these documents online.** We will not be issuing paper copies of these. At the next Research in Progress meeting in Reading, 10th April 2008, we will take a formal vote to accept or reject the proposed changes.

### Committee Change

Speakability representative Roz Rosenblatt has retired from the BAS committee. We welcome Melanie Derbyshire as our new Speakability rep and we thank Roz for all her hard work.

### BAS Membership is now due for renewal

Rates for the coming year (1st April 2008 – 31<sup>st</sup> March 2009) are:

**Basic rate: Standing order £15  
Cheque £20**

**Student rate: £10  
People with aphasia: £10**

For application and standing order forms please see the Membership section of the BAS website.

If you have any queries, please contact BAS membership secretary Annette Cameron: Speech and Language Therapy, Aberdeen Royal Infirmary, Foresterhill, AB25 2ZN.  
Tel: 01224 559290.

### Please receive the BAS newsletter by e-mail!

Everyone who has an e-mail address will now receive the newsletter via e-mail, unless a hard copy is specifically requested.

If you currently receive the newsletter by post but have an e-mail address, please help to reduce costs by contacting Annette Cameron, BAS Membership Secretary with your e-mail address at [membership-secretary@bas.org.uk](mailto:membership-secretary@bas.org.uk).

# British Aphasiology Society Therapy Symposium, 2008



University of East Anglia, Norwich  
September 8<sup>th</sup> - 9<sup>th</sup>, 2008

**‘Call for Papers’:** deadline for Abstract submissions is  
30<sup>th</sup> April

For information about submitting a paper or poster for presentation at the Symposium, please contact: Simon Horton, School of Allied Health Professions, Queen’s Building, University of East Anglia, Norwich NR4 7TJ. Tel: 0044 (0)1603 593060 or email [s.horton@uea.ac.uk](mailto:s.horton@uea.ac.uk)

<p><b>‘Early bird’ registration deadline is 7<sup>th</sup> July 2008</b></p> <p><u>BAS Members</u> Full Conference Fee: <b>£115</b>  <u>Non BAS Members</u> Full Conference Fee (inc. membership): <b>£135</b>  <u>Students (BAS members)</u> Full Conference Fee: <b>£60</b>  <u>Students (Non BAS members)</u> Full Conference Fee: <b>£70</b></p>	<p><b>Late rate registration</b></p> <p><u>BAS Members</u> Full Conference Fee: <b>£150</b>  <u>Non BAS Members</u> Full Conference Fee (inc. membership): <b>£176</b>  <u>Students</u> - late rates do not apply</p>
<p><b>Day rates available - check the NCORE website under ‘Events’</b></p>	
<p><b>Accommodation:</b> B&amp;B in UEA ensuite rooms (on campus): <b>£40.85 per night</b> (single rooms) - book via NCORE</p>	<p><b>Evening meal/social ‘do’:</b> Monday 8th - dinner at ‘MacIntosh’s canteen’ - book a three course meal for <b>£22.50</b></p>

**Getting there:** UEA is easily accessible by road, rail (<http://www.onerailway.com/>) or by air, with flights to Norwich from Exeter, Belfast, Amsterdam and more (e.g. <http://www.flybe.com/>)

**All bookings now on-line at [www.ncore.org.uk](http://www.ncore.org.uk); Tel 01332 254679**



[www.bas.org.uk](http://www.bas.org.uk)

## Research Round Up

Emma Eaton

### Word class effects in fluent aphasia

Traditionally agrammatism has been associated with verb retrieval difficulties and fluent aphasia with noun retrieval difficulties. However, in Greek, nouns and verbs have similar morphological complexity, so a noun/verb dichotomy is not predicted in fluent aphasia. This prediction is investigated in a study of the comprehension and production of nouns and verbs in Greek speakers with fluent anomia. It was found that verbs were actually significantly more difficult to retrieve than nouns. This supports the hypothesis that there may be a specific verb impairment in fluent aphasia as well as agrammatism and that specific information on word class is important for word-form retrieval.

**Kambanaros, M. (2008). The trouble with nouns and verbs in Greek fluent aphasia. *Journal of Communication Disorders* 41 (1), 1-19**

### Semantic errors in aphasia and semantic dementia

This study utilises a novel task - tempo picture naming - to increase the rate of semantic errors produced by non-impaired controls, in order to model aphasic patterns. Evidence is found to support the argument that reducing the time available for semantic processing mimics the semantic control deficit of an aphasic person with a central semantic impairment rather than the degraded semantic representations of a person with semantic dementia. This is discussed in the context of theories of semantic processing.

**Hodgson, C. and Lambon Ralph, M. A. (2008). Mimicking aphasic semantic errors in normal speech production: evidence from a novel experimental paradigm. *Brain and Language* 104 (1), 89-101**

### What causes perseveration?

Most recent research suggests that recurrent perseveration occurs as a result of underlying language impairment rather than an impaired ability to inhibit a previous response. This study examines the perseverative errors produced by 5 people with aphasia in tests of naming, reading and repetition. It gives further support to the above hypothesis by finding evidence that the incidence of such errors reflects the processing demands of each task and that the distribution of different types of perseveration reflects the level of language breakdown. Other interesting findings, such as the large number of perseverative responses that were unrelated to their targets and the occurrence of whole non-word perseveration are discussed.

**Moses, M. S., Sheard, C. and Nickels, L. A. (2007). Insights into recurrent perseverative errors in aphasia: A case series approach. *Aphasiology* 21 (10/11) 975-1001**

**British Aphasiology Society  
Student Project Prize Winner 2006/7**

**Developing a test of abstract word comprehension  
Lisa Clarkson, City University**

**Lisa Clarkson** from City University was successful in winning the BAS student prize for her project 'Developing a a test of abstract word comprehension'. Here is her report on the project:

Any random sample of daily discourse, whether from a newspaper, TV drama or dinner-time conversation, is likely to include 'abstract' vocabulary. A person's ability to participate in these daily discourses would likely be severely affected by impaired access to abstract words. Yet, assessment of word comprehension and retrieval deficits in aphasia is dominated by concrete stimuli, as is therapy.

This project sought to help bridge this gap by developing a receptive (written) test of word comprehension that employs useful 'everyday' abstract words. The project was also motivated by the researcher's theoretical interest in the double dissociation of concrete and abstract word knowledge in aphasia and the need for a model of semantic processing that can account for this.

Test development was informed by Crutch and Warrington's recent research (2005, 2006) suggesting that abstract words' representations are served primarily by *associative* meaning networks, eg [DANGER: *red; stop; warning sign; fear (etc)*], while concrete words are served mainly by *categorical* networks, eg [COW: *animal; farm livestock; four-legged, (etc)*]. Concreteness/abstractness being a continuum, the relative 'weight' of associative vs. categorical connections would depend on the word's place on that continuum.

A word-picture association task was therefore considered an appropriate format for probing abstract word knowledge. Task design was influenced by the unpublished concrete/abstract word-picture matching test devised by Shallice and McGill in the 1980s. All stimulus words in the new test were nouns. Additionally, the researcher constructed a synonym selection task with the same set of stimuli. Synonyms would tap the (putatively less robust) 'categorical' semantic links underpinning abstract words - items with shared features, eg [DANGER: *hazard*]. The synonym task was also a means of control in developing the novel picture choices for each stimulus word.

After a pilot test phase eliminated unreliable items, the tasks were administered to 64 healthy, neurologically-intact older adults, to obtain normative data. Performance on each task was equally strong, with ceiling effects. Scores were significantly correlated with three demographic variables - occupation, educational attainment and age. That these correlations emerged despite 'blunting' by strong ceiling effects suggests how powerful these influences can be. This reminds us that a client's background must be considered carefully when using test norms. The controls were more likely to make errors on words that are

**Continued...**

less imageable and acquired relatively late in childhood. Word frequency did not have a significant influence. Thus, findings were in line with recent evidence that age of acquisition is a more important variable than frequency (Ellis & Lambon Ralph, 2000).

It seems that this test of abstract word comprehension is potentially a useful addition to clinical resources, but much work remains to be done. The tasks are well within the competency of normal language users, but must be validated on individuals with aphasia. Matched tasks using concrete stimuli would help probe concrete/abstract dissociations.

Normative data for auditory presentation of the stimuli should be gathered. Finally, the materials developed, particularly the bank of picture associations, could be used in therapy activities targeting abstract word deficits.

***With thanks to Jane Marshall for her invaluable guidance - and humour - during the course of this project.***

## REFERENCES

Crutch, S. (2006) Qualitatively different semantic representations for abstract and concrete words: further evidence from the semantic reading errors of deep dyslexic patients. *Neurocase*, 12, 91-97.

Crutch, S. & Warrington, E. (2005) Abstract and concrete concepts have structurally different representational frameworks. *Brain*, 128, 615-627.

Ellis, E. & Lambon Ralph, M. (2000) Age of acquisition effects in adult lexical processes reflects loss of plasticity in maturing systems: insights from connectionist networks. *Journal of Experimental Psychology: Learning, Memory and Cognition*, 26, 1103-1123.

## Events Diary

**April 10th 2008****BAS Research in Progress Meeting**

Controversies in verb and sentence processing: Assessment and therapy  
University of Reading £5

**May 20<sup>th</sup> 2008****Implementing the National Stroke Strategy Conference**

Hilton Hotel, Leeds. See [www.hsj-stroke.co.uk/homepage.asp](http://www.hsj-stroke.co.uk/homepage.asp) for more details

**September 8<sup>th</sup>-9<sup>th</sup> 2008****BAS Therapy Symposium**

University of East Anglia, Norwich  
Book via [www.ncore.org.uk](http://www.ncore.org.uk)

**December 2<sup>nd</sup>-4<sup>th</sup> 2008****3<sup>rd</sup> UK Stroke Forum Conference**

Harrogate International Centre See [www.ukstrokeforum.org](http://www.ukstrokeforum.org) . You can register interest in the conference at [ukstrokeforum@stroke.org.uk](mailto:ukstrokeforum@stroke.org.uk)

## BAS Committee Contact List

**Ruth Herbert  
Chair**

Tel. 0114 2222403  
chair@bas.org.uk

**Janet Webster  
Treasurer**

Tel. 0191 222 5235  
treasurer@bas.org.uk

**Frauke Buerk  
Secretary**

Tel. 0191-2563463  
secretary@bas.org.uk

**Annette Cameron  
Membership Secretary**

Tel. 01224 559290  
membership-  
secretary@bas.org.uk

**Catherine Hodgson  
Website Co-ordinator**

Tel. 0161 2757997  
website@bas.org.uk

**Dianne Webster  
Newsletter Editor**

Tel. 0114 2264034  
newsletter@bas.org.uk

**Martyne Chaston  
Publicity Officer**

01227 766877 ext 73110  
publicity@bas.org.uk

**Claire Gatehouse  
Student Prize Co-ordinator &  
Therapy Symposium  
Co-Ordinator**

prizes@bas.org.uk  
therapy-symposium@bas.org.uk

**Emma Eaton  
BASics Officer**

Tel. 01356 665049  
basics@bas.org.uk

**Deborah Cairns  
Conference Support Fund  
Officer**

conference-support-  
fund@bas.org.uk

**Lisa Perkins  
Research-in-progress-  
meeting co-ordinator**

Tel. 01534 624501  
research-in-  
progress@bas.org.uk

**Melanie Derbyshire  
Speakability Representative**

Tel. 020 7261 9572  
melanie@speakability.org.uk

## Financial Support from BAS

**Are you thinking of attending a conference? Do you need financial support?**

**If so, look no further. BAS has two funds:**

- **BAS Events Grants** support people attending the BAS International Conference or Therapy Symposium. You may apply for up to £200.
- **The Support Fund for Conferences (non-BAS)** supports members attending other conferences. You may apply for up to £400. Overseas members may only apply to attend UK conferences.

**NB This fund is only available to people who have been BAS members for at least a year.**

Funding is available whether or not you are presenting work, but priority is given to presenters. Awards can cover registration, accommodation, travel expenses and other essentials. Applications are considered by the BAS Committee in June. You may submit a retrospective application for a conference you have already attended this year. BAS is particularly keen to support members who have limited access to funding from other sources.

**NB:** If you have previously received funding, you may not re-apply for at least 2 years.

**For further information and an application form:** Visit [www.bas.org.uk](http://www.bas.org.uk) or contact:

Deborah Cairns, BAS Conference Support Fund Organiser  
Email: [conference-support-fund@bas.org.uk](mailto:conference-support-fund@bas.org.uk)

The deadline for applications is **Friday 30th May 2008**



## British Aphasiology Society

### British Aphasiology Society Student Prizes 2007/8

The British Aphasiology Society invites entries for the Student Project Prize and Student Essay Prize.

**The BAS Student Project Prize:** £200 will be awarded for the best student project on any topic relating to acquired aphasia. The project or dissertation should have been submitted as part of the normal examination procedure in the final year of an undergraduate or postgraduate course (masters level). The prize will be divided equally between the winning student and his/her educational establishment.

**The BAS Student Essay Prize:** £100 will be awarded for the best essay on any topic relating to acquired aphasia. Entrants should be undergraduate or postgraduate students (masters level). The prize will be divided on the basis of £75 to the winning student and £25 to his/her educational establishment.

**Closing date for both prizes: 04/07/08**

**Guidelines for the student prizes are available on the BAS web page ([www.bas.org.uk](http://www.bas.org.uk)), from [prizes@bas.org.uk](mailto:prizes@bas.org.uk), or contact:**

Claire Gatehouse,  
Chief Speech & Language Therapist,  
Day Therapy Unit, Room OPD 40,  
Local Care Centre,  
Mount Gould Road,  
Plymouth,  
PL4 7QD  
Tel. 01752 (4)34803 / 34806.

**The British Aphasiology Society** aims to promote and support the knowledge and study of aphasia. It produces a regular newsletter, holds biennial conferences, therapy symposia and study days. Membership gives priority booking and reduced rate for these events and members can subscribe to some journals at reduced rates.

**Membership information available from:**

Mrs Annette Cameron, Speech and Language Therapy, Aberdeen Royal Infirmary, Foresterhill, AB25 2ZN. Tel: 01224 552966 e-mail: [membership-secretary@bas.org.uk](mailto:membership-secretary@bas.org.uk)

### Join the BAS Discussion Group

BAS has a new online forum where any member of BAS - clinician, researcher, student, person with aphasia or carer - can view and contribute to online discussions about aphasia.

As it is based online you will need access to the internet to view and post messages and discussion threads. See the Membership Information section of the BAS website to join and for more details.

School of Psychology & Clinical  
Language Sciences



University of  
Reading



## British Aphasiology Society

BAS Research in Progress Meeting  
University of Reading  
10 April 2008

The theme of the meeting is “**Controversies in verb and sentence processing: Assessment and therapy**”

This is a non-profit making day with a £5 charge to cover expenses. Places will be allocated on a first come first served basis.

Presentations include:

**J. Druks (UCL):** Object and action naming in aphasia, dementia and in young and elderly neurologically intact participants.

**R. Varley (Sheffield):** Testing sentence processing in severe aphasia.

**A. Whitworth (Newcastle):** Predicate argument structure deficit with intact verb retrieval: Revisiting the lexical hypothesis.

**Jon Hunt (Southmead Hospital, Bristol):** Sentence processing therapy through simulated conversation: Challenges and implications.

**J. Doleman & C. McCann (Auckland, NZ):** Verb retrieval in non-fluent aphasia: A clinical study.

To register please download registration form from the BAS website, [www.bas.org.uk](http://www.bas.org.uk) or contact Christos Salis, tel. 0118 378 74 67, [c.salis@reading.ac.uk](mailto:c.salis@reading.ac.uk)