

**Research &  
Scholarship  
Report  
2007/2008**



The British School of Osteopathy

# Research and Scholarship Report 2007/2008

## CONTENTS

Report From Vice Principal (Research and Quality).....	2
Core Research Staff.....	4
Scholarship .....	4
Academic and research links with other organisations .....	6
Current Research.....	7
Journal Publications.....	8
Published journal paper reviews .....	9
Conference presentations .....	11
Keynote presentations .....	13
Poster presentations .....	14
Editorials and other contributions.....	15
Research Supervisors and Areas of Interest .....	16
Undergraduate Dissertations .....	19

## Report From Vice Principal (Research and Quality)

Welcome to the 2007–2008 report from the Research Centre at the British School of Osteopathy (BSO). It has been an exceptionally busy year in terms of research activity and planning for the future. The BSO has revised its research strategy and is making good progress with its scholarship strategy. The centre supports the BSO objectives and has several key aims:

- to establish and maintain a recognisable reputation for high quality research at both a national and international level
- to contribute to the body of osteopathic knowledge
- to promote evidence-informed care
- to support high quality education within the BSO
- to contribute to the wider academic research and healthcare communities.

Members of faculty have contributed to publications in peer-reviewed journals and successfully presented work at osteopathic research conferences as well as at general medical conferences nationally and internationally. An increasing number of faculty now review for journals and contribute to editorial boards. One member of the research team has been appointed as Editor for UK and Europe for the International Journal of Osteopathic Research. A previously in-house publication has been taken on by the journal as a regular section. This maturation of The Research and Treatment Bulletin is an important milestone and represents increased opportunities for faculty and others to seek publication. The BSO has also had a member of faculty appointed to a National Institute of Clinical Health and Excellence guideline development group for back pain.

# Research and Scholarship Report 2007/2008

A focus of the year has been the organisation and hosting of a day conference "Osteopathic learning and practice – a global future" as part of the Advancing Osteopathy 2008 event at the Queen Elizabeth Conference II Centre in London, February 1-3, 2008. The conference was hosted in partnership with the International Osteopathic Alliance and attracted submissions of work from around the world. Delegates from over 20 countries attended and the BSO presented numerous pieces of research and scholarship throughout the event.

The "Chiropractic, Osteopathy and Physiotherapy: Moving forward through research and practice" conference has again raised its profile. This year it was hosted by the Anglo-European College of Chiropractic in Bournemouth. We made a large contribution to the conference with eight of the 32 presentations coming from BSO graduates alongside those staff members who were involved in organising the conference. We were delighted that one of our new graduates was awarded best presentation for one of the day streams.

We have continued to deliver postgraduate teaching and supervision as well as contributing to the development of new research-focused awards. Another member of the team has successfully completed their Doctoral studies this year and other members of faculty are en route to complete studies at a similar level.

Ongoing projects include a Research Informed Teaching award from the University of Bedfordshire entitled "Work-Related Attitudes and Behaviour in Faculty Clinicians Treating Back Pain: Narrowing the Knowledge Gap between Evidence and Teaching". We are completing work assessing students' experience of clinical learning, auditing our faculty's scholarship activities and have completed surveys of a range of stakeholders to inform curriculum development.

The BSO is committed to using research and scholarship activities to underpin the learning opportunities we offer our students as well as generating new knowledge for the profession and other interested parties. We anticipate our activities and capacity growing year on year.

I would like to take this opportunity to thank individual members of faculty who contributed to the work described in this report. Finally I am grateful to the wider faculty and student body at the BSO for contributing to the development of an institution-wide ethos that values scholarship and research.



Vice Principal (Research and Quality)  
Tuesday, 11 November 2008

# Research and Scholarship Report 2007/2008

## Core Research Staff

**Paul D Blanchard, DO, PGDip,**

Senior Clinical Tutor; Research Fellow; Director - Chapman Clinic

**Kevin Brownhill, BSc (Ost)**

Lecturer, statistics, Research Fellow

**David Evans, PhD, BSc (Hons) Ost**

Honorary Research Fellow

**Roberta Herrick, BSc (Hons), MSc Psychological Research Methods**

Associate Researcher

**Sam Keeping, BSc (Hons)**

Research Administrator

**Tamar Pincus BSc (Hons), MSc, MPhil, PhD**

Associate Professor

**Amanda Samson, Dip Yoga, B.Ed, PhD**

Associate Researcher

**Stephen Tyreman DO, MA, PhD**

Professor of Osteopathy and Philosophy,  
Dean of Osteopathic Education Development

**Steven Vogel, DO**

Vice Principal (Research and Quality)

**Joanne Zamani BSc (Hons), MSc, PgCert, PhD**

Area Study Manager Critical Analysis and Enquiry Unit  
Senior Research Fellow

## Scholarship

The BSO continues to support staff development in order to maintain high quality education, but also to develop our research and scholarship capacity. Twelve staff have completed postgraduate studies over the last year. We are supporting thirty-two staff with further study at Masters or Doctoral levels. In addition, we have provided six members of staff with critical appraisal skills training.

The development and validation of our M.Ost integrated masters degree has enabled the revision of course material with a greater emphasis on sourcing current scientific evidence to underpin the curriculum. We have developed a working group to integrate library services more closely with

# Research and Scholarship Report 2007/2008

research and teaching. This led to new resources to support literature searching and acquisition of full text articles. Regular journal club meetings have begun and this process offers another forum for students and staff to appraise and discuss developments in the field in a supportive and collaborative environment.

The BSO has successfully published an in-house journal, the Osteopathic Research and Treatment Bulletin (ORTB), since the beginning of 2001. Following negotiations in 2007 with the leading journal in the field of osteopathy this initiative evolved into a subsection of The International Journal of Osteopathic Medicine (IJOM) and is now published as the Research and Treatment Bulletin (RTB). This joint venture sees the BSO acting as subsection coordinator, with the publishing now handled by Elsevier - the world's leading publisher of science and health information. IJOM is distributed worldwide to registered osteopaths and other health care professionals. The RTB subsection has been incorporated into IJOM throughout 2008 with an expanding pool of contributors from osteopathic educational institutions as well as private practitioners internationally.

Although the RTB now reaches a far wider audience, it remains an integral part of the research and scholarship strategy at the BSO. As a review of recent publications and conference reports with relevance to the field of osteopathy, it keeps staff informed and up-to-date. Encouraging academic staff to review papers and write reports on meetings also provides opportunities for the development of key skills in critical reading and writing. An expanded edition, to run alongside the IJOM supplement, is scheduled for in-house publication in 2009. In addition to the IJOM materials this will give additional space and scope for a larger number of articles generated by the BSO faculty. It will also contain a directory of continuing professional development (CPD) activities and relevant upcoming meetings. The longer-term vision is to use RTB as a vehicle for the targeted dissemination of peer-reviewed published papers to the BSO faculty in their self-declared areas of interest. Critical reading and review for RTB provides continuing professional development opportunities for staff. These elements contribute to the BSO's aim to see our research ethos evolve and raise standards of scholarship throughout the institution.

The range of subjects covered during the past year has been diverse and included issues pertinent to education in manual therapy, psychosocial aspects of clinical practice, diagnostic triage, the benefits and risks of manual therapies as well as reviews of clinical trials and outcomes research. Further development of this innovative resource is anticipated over the coming years.

Future initiatives to develop scholarly activities include staff development in the following areas:

- Literature searching
- Research methods and statistics

# Research and Scholarship Report 2007/2008

- Further development of the Research, Scholarship and Teaching section of our Virtual Learning Environment (VLE).

## **Academic and research links with other organisations**

### **British School of Osteopathy leads educational conference**

The BSO in partnership with the Osteopathic International Alliance (OIA) was delighted to welcome 310 delegates from over 20 different countries at the "Osteopathic learning and practice – a global future" international conference on Sunday 3rd February 2008. The conference was held at the Queen Elizabeth II conference centre in London and brought together osteopaths, educators and health professionals to advance osteopathic education and practice.

The conference was held as part of a celebration of osteopathic practice – "Advancing Osteopathy 2008" hosted by the General Osteopathic Council (GOsC) to coincide with the tenth anniversary of statutory recognition of osteopathy in the UK. It allowed attendees to share examples of good and developing practice; look at different educational models within their frameworks and take away useful ideas and information in order to contribute to keeping quality foremost as osteopathy moves towards a globalised community.

The keynote address was given by Professor Trudie Roberts, Head of the School of Medicine and Director of the Medical Education Unit at the University of Leeds, and Secretary of State Appointee for Education on the GOsC. Professor Roberts spoke on the importance of professionalism. She argued that it was still a core value for health service providers, and one which needed to be taught formally.

She outlined how most complaints against doctors are not related to competence but to conduct, and argued for the need to assess students' attitudes frequently throughout a course, beginning early and including summative assessment by numerous assessors using multiple methods in different settings.

This was followed by an international line-up of leading academics and practitioners from the world of osteopathy contributing to 32 presentations, including three symposia and a plenary session, all of which addressed strategic issues and reflected global advances in osteopathic education and practice. Topics covered ranged from educating osteopaths after their initial qualification to different national educational practice models. In-depth symposia discussed osteopathic values and philosophy; evidence-based practice, research and scholarship and the standards used in assessing osteopathic practice.

# Research and Scholarship Report 2007/2008

Plenary talks addressed World Health Organisation guidelines and UK subject benchmarks for osteopathy. The accreditation system for education in the United States was also presented.

Anecdotal evidence suggests that osteopathy is now being practised in 50 countries. The majority of these have no statutory regulatory framework for practice, and with programmes of osteopathic education running in more than 20 countries, Professor Clive Standen, Board Member of the Osteopathic International Alliance and Chair of its Education Committee, used his address to state that globalization in osteopathy will happen, with the future of the profession being driven by people who will see opportunities and break into new markets. He cited international debate, collaboration, competition with integrity and the setting of inspirational horizons as the keys to a successful future.

## **Collaborations and partnerships**

The BSO continues to develop its excellent partnership with the University of Bedfordshire. Building on existing activities to develop and validate educational programmes to a high standard, we have been able to secure important support to develop research and scholarly activities. We are exploring research opportunities to develop in partnership with colleagues at the University of Bedfordshire.

Research grant applications and successful projects have involved collaboration with several other institutions including: Royal Holloway University of London, Queen Mary's Barts and the London; University of London, University of Warwick, Keele University and Victoria University, Australia.

## **Current Research**

The internally-funded recruitment and admissions audit project is now completed and the results have been presented at conferences.

We gained a small Research Informed Teaching grant of £1,500 funded by the University of Bedfordshire. The study was aimed at identifying scholarly activity within the BSO clinic and academic faculty. A questionnaire was developed by the research department that identified interest and activity amongst staff. The work will inform curriculum and strategic development.

A further Research Informed Teaching grant of £10,000 has been granted to the research team to look at 'Work-Related Attitudes and Behaviour in Faculty Clinicians Treating Back Pain: Narrowing the Knowledge Gap between Evidence and Teaching.' The study will be completed in 2009. The funding supports staff in expanding their research capabilities and outputs within their specialist subject area and encourages them to consider how their research impacts on the curriculum and the learning experience of students. Students and staff at the BSO will be actively

# Research and Scholarship Report 2007/2008

engaged in the research process and journal clubs have been set up to discuss literature relevant to the study. A dedicated area of the BSO's VLE has been established. This is accessible to students and staff and offers resources relating to the project as well as to wider issues pertaining to research, scholarship and teaching. Results of the study will be submitted for publication as well as disseminated within the BSO and on our VLE.

We were also successful with one of three applications to the NCOR call for research concerning adverse events. £140,375 has been awarded, subject to conditions, to fund: "Investigating osteopaths' attitudes to managing and assessing risk in clinical settings and patients. Experiences and responses to osteopathic treatment." The study is being developed and will be conducted over 2008 - 2010. The overall purpose is to provide a coherent description of UK osteopaths' risk assessment and risk management; to document reported adverse events and treatment reactions in patients; to deliver a model of practitioners' and patients' perceptions and beliefs about adverse events and treatment reactions. In addition the short-term follow-up of patients will enable an evaluation of the comparative risks and benefits of osteopathic treatment.

Recruitment is concluded with our the Functional Magnetic Resonance Imaging study funded by BackCare, investigating fear of movement and brain activity in people with long-term back pain. The study is led by Dr Pincus at Royal Holloway, University of London, and analysis is completed. Results have been presented at conference and phase two of the study is ongoing.

## Journal Publications

**Abbey, H. (2008).** *'Assessing Clinical Competence in Osteopathic Education; analysis of outcomes of different assessment strategies at the British School of Osteopathy.'* International Journal of Osteopathic Medicine, 11 (4): 125-131.

**Brownhill, K. (2007).** *'Back pain and the homoeostatic requirements of the spinal system.'* International Journal of Osteopathic Medicine, 10 (1): 18-23.

**London, S. (2008).** *'The assessment of clinical practice in osteopathic education: Is there a need to define a gold standard?'* International Journal of Osteopathic Medicine 11 (4): 132-136.

**Parsons, S, Breen, A, Foster, N, Letley, L, Pincus, T, Vogel, S & Underwood, M. (2007).** *'Prevalence and comparative troublesomeness by age of musculoskeletal pain in different body locations.'* Family Practice 24 (4): 308-16.

# Research and Scholarship Report 2007/2008

**Pincus, T, Santos, R et al. (2007).** *'Depressed cognitions in chronic pain patients are focused on health: evidence from a sentence completion task.'* Pain 130 (1-2): 84-92.

**Pincus, T, Ruso, A & Santos, R. (2008).** *"Responsiveness and construct validity of the Depression, Anxiety and Positive Outlook Scale (DAPOS)"* Clinical Journal of Pain. 24 (5): 431-7.

**Pincus, T, Santos, R, Breen, A, Burton, K & Underwood, M. (2007).** *"A review and proposal for a core set of factors for prospective cohorts in low back pain; the MMICS Statement."* Arthritis Care & Research, Arthritis and Rheumatism 28; 59 (1): 14-24.

**Tyreman, S. (2007).** *'It's Illness, But Is It Mental Disorder?'* Philosophy, Psychiatry & Psychology – 14 (2): 103-106.

**Tyreman, S. (2008).** *'Valuing osteopathy: What are (our) professional values and how do we teach them?'* International Journal of Osteopathic Medicine 11 (3): 90-95.

**Tyreman, S. (2008).** *'Commentary on Is there a place for science in the definition of osteopathy?'* International Journal of Osteopathic Medicine 11 (3): 102-105.

**Zamani, J, Vogel, S, Moore, A & Lucas, K. (2007).** *'Analysis of exercise content in undergraduate osteopathic education - A content analysis of UK curricula.'* International Journal of Osteopathic Medicine 10 (4): 97-103.

## Published journal paper reviews

**Abbey, H. (2008).** *'Psychosocial predictors of chronicity in low back pain'* International Journal of Osteopathic Medicine, 11 (1): 34-38.

**Abbey, H. (2008).** *'Who uses CAM in Canada for back pain?'* International Journal of Osteopathic Medicine, 11 (3): 114-119.

**Abbey, H. (2008).** *'Psychosocial differences between acute and chronic low back pain patients'* International Journal of Osteopathic Medicine, 11 (3): 114-119.

**Abbey, H. (2008).** *'Do beliefs about back pain relate to pain experiences and contact with health professionals in Norway?'* International Journal of Osteopathic Medicine 12 (1): 1-5. (In press)

**Abbey, H. (2008).** *'Who gets what? A new screening tool to identify patient subgroups for back pain treatment allocation in primary care'* International Journal of Osteopathic Medicine 12 (1): 1-5. (In press)

# Research and Scholarship Report 2007/2008

**Blanchard, P. (2008).** *'Orthopaedic tests of the shoulder – are they accurate?'* International Journal of Osteopathic Medicine, 11 (2): 71-75.

**Blanchard, P. (2008).** *'Referred and nerve root pain arising from the low back – are they two distinct entities?'* International Journal of Osteopathic Medicine, 11 (2): 71-75.

**Blanchard, P. (2008).** *'Are there predictive rules for the development of adverse events following chiropractic care for patients with neck pain?'* International Journal of Osteopathic Medicine 12 (1): 1-5. (In press)

**Evans, D. (2008).** *'Persistent sciatica creates widespread sensitivity to further noxious stimuli'* International Journal of Osteopathic Medicine, 11 (1): 34-38.

**Evans, D. (2008).** *'Persistent neck pain – what hurts and where?'* International Journal of Osteopathic Medicine, 11 (3): 114-119.

**Morrison, R. (2008).** *'Physiotherapy education: using simulated patients an evidence-based model'* International Journal of Osteopathic Medicine, 11 (3): 114-119.

**Parry, C. (2008).** *'The role of red flags in musculoskeletal pain presentations'* International Journal of Osteopathic Medicine, 11 (1): 34-38.

**Parry, C. (2008).** *'Night pain in back pain triage: what is its significance?'* International Journal of Osteopathic Medicine, 11 (1): 34-38.

**Pincus, T. (2008).** *'Pain, ethnicity, race and culture: more research needed'* International Journal of Osteopathic Medicine 12 (1): 1-5. (In press)

**Tyreman, S. (2008).** *'Influence of a postgraduate clinical master's qualification in manual therapy on the careers of physiotherapists in the United Kingdom'* International Journal of Osteopathic Medicine, 11 (1): 34-38.

**Vogel, S. (2008).** *'Adverse events round up'* International Journal of Osteopathic Medicine, 11 (2): 71-75.

**Zamani, J. (2008).** *'What influences physiotherapists to undertake Masters Level Study?'* International Journal of Osteopathic Medicine 12 (1): 1-5. (In press)

# Research and Scholarship Report 2007/2008

## Conference presentations

**Abbey, H & Hunt, C. (2008).** *'Assessing clinical competence in osteopathic education: Analysis of outcomes of different assessment strategies at the British School of Osteopathy.'*

Symposium Presentation, Osteopathic learning and practice – a global future, Advancing Osteopathy Conference, London, February 2008.

**Brownhill, K. (2008).** *'Idiopathic back pain and spinal motion'*  
Interdisciplinary medical imaging group, St Thomas' Hospital, London.

**Evans, D, Foster, N, Vogel, S, Breen, A, Pincus, T, & Underwood, M. (2007).** *'Can practitioners' behaviour towards back pain be changed? A randomised controlled trial with physiotherapists, osteopaths and chiropractors.'*

Platform presentation, World Physical Therapy, 15th International Congress, Vancouver, Canada, June 2007.

**Gosling, C, Moran, R. & Vogel, S. (2008).** *'Attitudes towards research in Australian and New Zealand osteopaths.'*

Abstract published: International Journal of Osteopathic Medicine 11 (4): 154-155. Platform presentation at ICAOR 7, Bradenton, FL, USA, September 2008

**London, S. (2008).** *'The assessment of clinical practice in osteopathic education: Is there a need to define a gold standard?'*

Symposium Presentation, Osteopathic learning and practice – a global future, Advancing Osteopathy Conference, London, February 2008.

**Nunn, N, Zamani, J, Korth, S & Wolff, M. (2008).** *'Development and implementation of a Masters level qualification in Paediatric Osteopathy.'*

Platform Presentation, Osteopathic learning and practice – a global future, Advancing Osteopathy Conference, London, February 2008.

**Pincus, T. (2008).** *'Measuring the beliefs of clinicians'*

Platform presentation, British Pain Society Annual Meeting, Liverpool, April 2008.

**Podmore, W. (2008).** *'European bioethics in a global context'*

Platform Presentation, 22<sup>nd</sup> European Conference on Philosophy of Medicine and Health Care, Tartu, Estonia, August 2008

**Potter, S, Zamani, J & Vogel, S. (2008).** *'Variability in clinical teaching at the British School of Osteopathy – a focus group study of staff and students.'*

Platform Presentation, Osteopathic learning and practice – a global future, Advancing Osteopathy Conference, London, February 2008.

# Research and Scholarship Report 2007/2008

**Potter, S, Zamani, J & Tyreman, S. (2008).** *'Developing an MSt degree at the British School of Osteopathy.'*

Platform Presentation, Osteopathic learning and practice – a global future, Advancing Osteopathy Conference, London, February 2008.

**Tyreman, S. (2007).** *'What did Philosophers Ever Do for Us?'*

Inaugural Professorial Lecture, BSO/University of Bedfordshire October 2007.

**Tyreman, S. (2008).** *'Valuing osteopathy: What are (our) professional values and how do we teach them?'*

Symposium Presentation, Osteopathic learning and practice – a global future, Advancing Osteopathy Conference, February 2008.

**Tyreman, S. (2008).** *'Philosophy & Osteopathy'*

Presentation to faculty of West Virginia School of Osteopathic Medicine, February 2008.

**Tyreman, S. (2008).** *'Development of a professional doctorate in osteopathy'*

Platform Presentation, Osteopathic learning and practice – a global future, Advancing Osteopathy Conference, London, February 2008.

**Tyreman, S. (2008).** *'The Happy Genius of my Household: Home as the place where I act out my being.'*

Symposium presentation, 'Health as Homelikeness', 22<sup>nd</sup> European Conference on Philosophy of Medicine and Health Care, Tartu, Estonia, August 2008

**Tyreman, S. (2008).** *'Osteopathic Principles: Fit for Purpose?'*

Plenary presentation, Osteopathic International Alliance, Annual Conference Chicago November 2008.

**Vogel, S, & Pincus, T. (2008).** *'Developing and implementing training in cognitive-behavioural approaches to the management of pain'*

Platform Presentation, Osteopathic learning and practice – a global future, Advancing Osteopathy Conference, London, February 2008.

**Vogel, S. and Herrick, R. (2008).** *'Predicting osteopathy students' academic and practical performance from pre-admission tests and previous education'*

Platform Presentation, Osteopathic learning and practice – a global future, Advancing Osteopathy Conference, London, February 2008.

**Vogel, S. and Herrick, R. (2008).** *'Service delivery characteristics of UK osteopaths - a cross sectional survey.'*

Abstract published: International Journal of Osteopathic Medicine 11 (4): 153. Platform presentation at ICAOR 7, Bradenton, FL, USA, September 2008.

# Research and Scholarship Report 2007/2008

**Vogel, S, Pincus, T, Foster, N, Santos, R, Breen, A & Underwood, M. (2007).** *'Attitudes to back pain amongst musculoskeletal practitioners: A comparison of UK professional groups and practice settings using the ABS-MP.'*

Platform presentation, World Physical Therapy, 15th International Congress, Vancouver, Canada, June 2007.

**Wolff, M, & Walsh, F. (2008)** *'The development of a national framework for UK osteopathic education'*

Platform Presentation, Osteopathic learning and practice – a global future, Advancing Osteopathy Conference, London, February 2008.

**Zamani, J. (2008).** *'Back to Exercise: Issues for Practising Osteopaths.'*

Platform Presentation, Osteopathic learning and practice – a global future, Advancing Osteopathy Conference, London, February 2008.

**Zamani, J. (2008).** *'Exploring Exercise Content in the UK Osteopathic Curricula – a qualitative study of osteopathic students and faculty members.'*

Platform Presentation, Osteopathic learning and practice – a global future, Advancing Osteopathy Conference, London, February 2008.

**Zamani, J, Vogel, S, Moore, A & Lucas, K. (2008).** *'Exploring the use of exercise therapy in UK osteopathic practice.'*

Abstract published: International Journal of Osteopathic Medicine 11 (4): 164. Platform presentation at ICAOR 7, Bradenton, FL, USA, September 2008

## Keynote presentations

**Pincus, T. (2008).** *'The beliefs of clinicians and how these impact on patients' outcome.'*

Scandinavian Association for the Study of Pain, Turku, May 2008.

**Tyreman, S. (2008)** *'The Uniqueness of Osteopathic Philosophy?'*

Founder's Day Event, Kirksville College of Osteopathic Medicine, Mo. USA, October 2008

**Vogel, S. (2008).** *'Treating the Neck: Adverse events or Normal Reactions?'*

Escuela de Osteopatía de Madrid, Madrid, April 2008.

# Research and Scholarship Report 2007/2008

## Poster presentations

**Blanchard, P. (2008).** *'Osteopathic community-oriented education in the setting of HIV-infection: A descriptive account.'* Osteopathic learning and practice – a global future, Advancing Osteopathy Conference, London, February 2008.

**Evans, D W, Foster, N E, Vogel, S, Breen, A C, Underwood, M, Pincus, T. (2008)** *'Can practitioners' beliefs and behaviour towards low back pain be changed? Results of a randomised controlled trial of a contextualised educational package'*  
Poster presentation, Osteopathy - Art and Science, Advancing Osteopathy Conference, London, February 2008.

**Grundy, M. & Vogel, S. (2008)** *'Attitudes to prescribing rights: A qualitative focus group study with UK osteopaths'*  
Poster presentation, Osteopathy - Art and Science, Advancing Osteopathy Conference, London, February 2008.

**Lay, A, Wiggins, F, Potter, S. (2008).** *'Innovative Course Design for Undergraduate Osteopathic Curriculum.'*  
Poster presentation, Osteopathic learning and practice – a global future, Advancing Osteopathy Conference, London, February 2008.

**Pincus, T, Vogel, S, Burton, A K, Field, A. (2008)**  
*'Fear avoidance and prognosis in back pain: a systematic review and synthesis of current evidence'*  
Poster presentation, Osteopathy - Art and Science, Advancing Osteopathy Conference, London, February 2008.

**Samson, A. (2008).** *'Going Virtual – from PDP to CPD.'*  
Poster Presentation, Osteopathic learning and practice – a global future, Advancing Osteopathy Conference, February 2008.

**Vincent, F, & Vogel, S. (2008).** *'Investigating student strategies for interpreting and applying osteopathic concepts in clinic.'*  
Poster presentation, Osteopathic learning and practice – a global future, Advancing Osteopathy Conference, February 2008.

**Vogel, S, Pincus, T, Santos, R, Breen, A, Foster, N, Underwood, M. (2008).** *'Attitudes to Back Pain Scale in musculoskeletal practitioners (ABS - mp); The construction and validation of a new questionnaire.'*  
Poster presentation, Osteopathy – Art and science, Advancing Osteopathy Conference, London, February 2008.

**Waters, M. (2008).** *'Professional Development Portfolios, Student Support and Individual Education Plans in Osteopathic Education: Ensuring it is not as Boring as it Sounds'*

# Research and Scholarship Report 2007/2008

Poster Presentation, Osteopathic learning and practice – a global future, Advancing Osteopathy Conference, London, February 2008.

**Zamani, J, Vogel, S, Moore, A & Lucas, K. (2008).** *'Analysis of exercise content in undergraduate osteopathic education – A content analysis of UK curricula.'*

Poster presentation, Osteopathy – Art and science, Advancing Osteopathy Conference, London, February 2008.

## Editorials and other contributions

**Abbey, H.** External examiner for the Vienna School of Osteopathy, MSc Theses.

**Brownhill, K. (2007).** Comments on *'Spinal manipulation in patients with disc herniation: A critical review of risk and benefit'*.

International Journal of Osteopathic Medicine 10 (1): 29.

**Brownhill, K. (2008)** developed a Matlab code to calculate Intraclass correlation coefficients on Mathworks website: <http://www.mathworks.com/matlabcentral/fileexchange/21501>

**Blanchard, P.** Research and Treatment Bulletin, Section Coordinator, The International Journal of Osteopathic Medicine.

**Browning, S.** Trained assessor by the QAA for accreditation of professional courses in Osteopathy on behalf of the GOsC.

**Evans, D.** International Advisory Board, International Journal of Osteopathic Medicine.

**Oxbrow, T.** External examiner for the Flanders International College of Osteopathy (Langstraat. Kruibeke, Antwerp, Belgium) of their DO programme.

**Pincus, T.** Member of the Advisory Board to the Cochrane Back Group. Member of the Editorial Board of the International Journal of Osteopathic Medicine. Also sits on the college of experts, Medical Research Council and is part of the clinical study group for the Arthritis Research Campaign.

**Tyreman, S.** External Examiner for the Canadian College of Osteopathy Toronto of final year theses and for the Anglo-European College of Chiropractic, Bournemouth of both the MSc and PgCert programmes. Also a member of the Editorial Advisory Board for Learning in Health and Social Care Blackwell.

**Vogel, S. (2008).** *'Due thanks, moving forward, and valuing the journey.'* International Journal of Osteopathic Medicine 11 (2): 41-42.

# Research and Scholarship Report 2007/2008

**Vogel, S.** External examiner, Vienna School of Osteopathy and Unitec: MSc theses. Member of the editorial board for the journal Chiropractic and Osteopathy. UK and European Editor of the International Journal of Osteopathic Medicine. Stakeholder representative, National Council for Osteopathic Research. Member of the Guideline Development Group for National Institute of Health and Clinical Excellence's guideline on "The acute management of patients with chronic (longer than 6 weeks) non-specific low back pain."

**Walsh, F.** External moderator for British College of Osteopathic Medicine FCCA exams and ISO Milan FCCA exams. Gives expert advice for the University of Wales degree validation programmes in osteopathy at IAO Ghent, ISO Milan, CEO Montreal, SKOS Gothenburg and ESO Maidstone. Also a faculty member at WSO Vienna and trained assessor by the QAA for accreditation of professional courses in Osteopathy on behalf of the GOsC.

**Zamani, J.** External examiner for the Vienna School of Osteopathy and Leeds Metropolitan University, MSc theses and programmes respectively. Currently reviewing for both the International Journal of Osteopathic Medicine and Manual Therapy.

## Research Supervisors and Areas of Interest

Name of Supervisor	Areas of Interest
<b>Hilary Abbey</b>	Clinical reasoning, osteopathic concepts, psychosocial factors in manual therapy, clinical and patient management/practice issues, therapeutic relationships
<b>Faye Andrews</b>	Sports Injuries, back pain, rehabilitation
<b>Greg Barker</b>	Nutrition, general aspects of osteopathy
<b>Paul Blanchard</b>	Peripheral neuropathy in HIV, diabetes, neurology, clinical practice, psychosocial issues.
<b>Stacey Bourne</b>	Paediatrics, satisfactory outcomes for NHS patients (as audit).
<b>Kevin Brownhill</b>	Coordination dynamics
<b>Simon Browning</b>	Ergonomics, exercises for patients, core stability, computer-based learning, differential diagnosis, technique and effects on tissues (HVT/MET/ST)
<b>Robert Burge</b>	Whiplash, osteopathic diagnosis using structural and functional approaches
<b>Laurence Butler</b>	Assessment methods, inter-professional collaboration, legal aspects of osteopathic care
<b>Ben Calvert-Painter</b>	Sports injuries, taping and strapping, core stability, HVT, the manual and physiological effects of manipulation and mobilisation, stretching, rehab

# Research and Scholarship Report 2007/2008

	exercises, orthopaedics, myofascial acupuncture and trigger point
<b>Kieran Chhabra</b>	Sports injuries, structural osteopathy
<b>Emma Chippendale</b>	Pain scales (accuracy), Hip mobility + dancers, HIV, paediatrics, musicians' injuries, pain, pt management, psycho-social issues/osteopathic concepts, ergonomics in the workplace and any other experimental research
<b>Morag Christie</b>	Paediatrics, Cranial, osteopathy for animals
<b>Alan Coles</b>	Sports injuries, rehabilitation, trigger points and dry needling
<b>Penelope Conway</b>	Pregnancy, ethics
<b>Simon Cooke</b>	Relationships between body areas, philosophical principles of osteopathy and its defining characteristics.
<b>Soran David</b>	Clinic and the concepts area of study, communication, grounded theory and quantitative methods.
<b>Tracy Davies</b>	Paediatrics, geriatrics, sports science
<b>Alison Durant</b>	Osteopathic technique, and the mechanisms behind osteopathic techniques - soft tissue techniques in particular
<b>Jonathan Edis</b>	History and philosophy of osteopathy
<b>Vanessa Finglas</b>	Sports injuries, structural osteopathy, cranial osteopathy
<b>Kevin Gill</b>	Nutrition, sports science, sports injuries, rehabilitation stretches, practice and business management
<b>Linda Goddard</b>	Paediatrics
<b>Helena Greenwood</b>	Cranial, paediatrics, pre-natal and post-natal studies
<b>Jeff Grumball</b>	Rehabilitation, Yoga/Pilates, muscle chains
<b>Bob Gupta</b>	Clinical processes and delivery of care, interventions
<b>Fiona Hendry</b>	Sports medicine
<b>Daryl Herbert</b>	Osteopathic practice, minimal leverage manipulation skills, tech moves at advanced level
<b>Jo-Anne Holmden</b>	Chronic pain
<b>Stephen Humphreys</b>	Ergonomics in the workplace
<b>Trevor Jefferies</b>	General practice, paediatrics and pregnancy
<b>Barbara Judge</b>	Osteopathic practice and education
<b>Virginia Keefe</b>	Mothers and their babies, MS, attending research hub
<b>Ceira Kinch</b>	General practice, sports, psychology
<b>Robin</b>	Rehabilitation, muscle physiology, knee pain, runners,

# Research and Scholarship Report 2007/2008

<b>Lansman</b>	blood flow, sports injuries, stretching, educational, GP professional communication skills, interpersonal values
<b>Andrew Lay</b>	Biomechanics, exercise (provision and compliance), tissue states
<b>Chris Leighton</b>	Structural osteopathy, visceral osteopathy
<b>Simeon London</b>	Clinical teaching and education, quality control
<b>Vinod Mahtani</b>	Wii-related injuries, osteopathic evidence
<b>Rob McCoy</b>	Geriatrics
<b>Walter McKone</b>	Clinical methods, psychology, manipulative methods (palpation), philosophy, trauma
<b>Neil Mellerick</b>	General osteopathic structural practice, ethics and confidentiality, differential diagnosis
<b>Rebecca Mercer</b>	Sports, general practice, obstetrics
<b>Rebecca Morrison</b>	Assessment methods, educational practice
<b>Rebecca Orchard</b>	Sports injuries
<b>Will Podmore</b>	Ethical considerations, philosophy and history of osteopathy
<b>David Propert</b>	Paediatrics, clinical nutrition, sports/exercise physiology
<b>Andrea Rippe</b>	Paediatrics, osteopathic education, placebo effects
<b>Helen Robinson</b>	Dry needling, innovative use of quantitative analysis, techniques.
<b>Neil Rowe</b>	osteopathic practice, sports injuries, cranial osteopathy
<b>Nick Salway</b>	Sports injuries
<b>Amanda Samson</b>	Flexible learning, e-learning, effect of Yoga and implication for mindfulness
<b>Ida Scheibelhoffer</b>	Ergonomics, Yoga and Pilates, RSI, posture
<b>Ian Schofield</b>	Sports injuries, cranial osteopathy, accidents and trauma
<b>Paddy Searle-Barnes</b>	Osteopathic evaluation and the diagnostic process; respiratory, CVS, and endocrine problems.
<b>Karen Shiels</b>	Osteopathic education, clinical reasoning
<b>Richard Skudder</b>	Headache, TMJ dysfunction, clinical skills and muscle retraining
<b>Kieren Spencer</b>	IVM, paediatrics, indirect technique
<b>Michael Stewart</b>	Attitudinal studies, qualitative analysis, nutrition and heart disease
<b>Christopher Thomas</b>	HIV/Aids
<b>Teri Turner</b>	Audit, sport injuries, GP/NHS attitudes to osteopathy
<b>Stephen Tyreman</b>	Philosophy of medicine, healthcare and osteopathy; osteopathic education.

# Research and Scholarship Report 2007/2008

<b>Frank Vincent</b>	Paediatrics, rehabilitation, osteopathic education
<b>Steve Vogel</b>	Guidelines and evidence-based practice, psychosocial factors in back pain risk and identification, measurement of depression/anxiety in patients with persisting pain, musculoskeletal practitioners' attitudes and belief about back pain. Work-related issues, adverse event, prescribing and clinical outcomes and audit
<b>Fiona Walsh</b>	Sports injuries, osteopathic integration into NHS
<b>Mark Waters</b>	Student development plans, use of IT in education
<b>Jane Watt</b>	Sports injuries
<b>Neil Wayman</b>	Geriatrics, sports, psychology of pain
<b>Francesca Wiggins</b>	Anatomy, application of osteopathy, interaction with patients, different techniques to physiology
<b>Heath Williams</b>	Sports injuries, exercises, geriatrics
<b>Nicholas Woodhead</b>	Cranial osteopathy
<b>Melanie Wright</b>	Biochemistry and metabolism, child and adult obesity, patterns of human growth, statistical analysis
<b>Joanne Zamani</b>	Exercise, curriculum review/development

## Undergraduate Dissertations

Adams, Ben	Supervisor: None
How Relevant are Academic Lectures Looking at Asthma to the Clinical Environment at the BSO? A Focus Group Study	

Ahmed, Asif	Supervisor: Will Podmore
A qualitative semi-structured interview study to investigate the role of osteopathy in treating patients who present with influenza as a primary or secondary presentation	

Albert, Nicholas	Supervisor: Steve Sandler
Does a correlation between gastro-oesophageal reflux (GOR) and a vertebral lesion at the level of C2 and T2 left nerve roots exist in pregnant women?	

Amarteifio, Vida	Supervisor: Paul Blanchard
A comparative study between Osteopaths and Physiotherapists in their diagnosis and management of Post Mastectomy Lymphoedema	

Anchugova, Ludmilla	Supervisor: Simon Cooke
Osteopathic Treatment of IBS: A comparative study between European and British Osteopaths	

# Research and Scholarship Report 2007/2008

Arbuckle, Gilly	Supervisor: Kevin Brownhill
A cross-sectional study into relationship between the fatigue time of transversus abdominis and walking habits	
Bailey, Claire	Supervisor: Andrew Lay
Osteopaths' Use of Euphemisms and their Impact on Patients' Beliefs About Health	
Barlow, Sophia	Supervisor: Steven Vogel
GPs' protocol and motivation for referring simple low back pain patients to private and NHS manual therapists. A cross-sectional survey.	
Baulkwill, Cecylia	Supervisor: Paddy Searle-Barnes
A review of interventions in managing soft tissue neck injuries in fast jet pilots	
Baysham, Juliette	Supervisor: Robin Lansman
Yoga's Role in Pain Management: A Narrative Review	
Beckett, Sarah	Supervisor: Trevor Jeffries
Survey of the Practices and Attitudes of BSO Students with Regards to Cleaning of Clinical Diagnostic Equipment	
Biggar, Alison	Supervisor: Andrew Lay
A Narrative Review on the effectiveness of Soft Collar use in the treatment of Whiplash Associate Disorder (WAD)	
Birdi, Manmohan	Supervisor: Chris Leighton
Osteopaths' opinions on the treatment for Acute Low Back Pain (ALBP)	
Black, Jacqui	Supervisor: Matthew Harris
A study into whether there are relationships between ankle range of movement, hallux valgus and musculoskeletal low back pain	
Blades, Joanne	Supervisor: Paddy Searle-Barnes
A study of the possible relationship between breathing pattern disorders and low back pain.	
Bodger, Stephen	Supervisor: Hilary Abbey
A Questionnaire Survey Investigating the Role Osteopaths Play in the Treatment of Depression	
Bonar, Kirsty	Supervisor: Matthew Harris
A survey of osteopaths' recommendations of exercise therapy for simple low back pain	
Branch, Christopher	Supervisor: Robin Lansman

# Research and Scholarship Report 2007/2008

A Systematic Review into the Effects of Cervical Spine Manipulation	
---	--

Britchford, Natalie	Supervisor: Joanne Zamani
The Effect of Exercise Interventions on Bone Density in Children - A Systematic Review	

Bruce, Emma	Supervisor: Chris Thomas
Does revealing underwear affect osteopathic examination/treatment? Would the introduction of barrier underwear be beneficial to osteopathic practice?	

Budd, Richard	Supervisor: Andrew Lay
An investigation to identify whether there is a relationship between B.Ost student's palpatory literacy and their ability to recreate joint position	

Buttar, Sunvir	Supervisor: Soran David
Case History Evaluations: Measuring Patient Satisfaction of Osteopath Communications.	

Capp, Vanessa	Supervisor: Michael Stewart
An Exploration into Osteopathic Perceptions of the Perceived Efficacy of Glucosamine and Chondroitin in the Treatment of Osteoarthritis	

Carter, David	Supervisor: Trevor Jefferies
Osteopathic Treatment of Childhood Asthma	

Clarke, Adrian	Supervisor: Joanne Zamani
A Qualitative Investigation of Osteopaths' Views of the GOsC Mandatory Continuing Professional Development Scheme	

Clee, Angela	Supervisor: Paddy Searle-Barnes
Study to investigate whether combined muscle energy technique to piriformis is more effective at increasing internal hip rotation range-of-motion than MET or inhibition alone	

Coles, Jennifer	Supervisor: Soran David
Opinions of osteopaths regarding placebo response.	

Cook, Paula	Supervisor: Paddy Searle-Barnes
A Qualitative study about the implications for Osteopaths and their practice of working in Rural England	

Cooper, Julia	Supervisor: Hilary Abbey
A systematic review of the physiological effects of soft tissue massage	

Cousins, Kirstie	Supervisor: Joanne Zamani
Literature review into the effects of thoracic mechanics on voice	

# Research and Scholarship Report 2007/2008

production and potential osteopathic interventions.

Craddock, Benjamin	Supervisor: Jonathan Edis
A Survey to Establish Whether Osteopaths' Attitudes to Assessment and Treatment of Cervical Spine are Changing	

Cross, Rupert	Supervisor: Simon Browning
An investigation into the effects of muscle energy technique applied to the flexor muscles of the forearms to produce an increase in grip strength and flexibility at the wrist on extension	

Dennis, Jessica	Supervisor: Trevor Jefferies
Investigation into the Effect of Voluntary Teeth Clenching on Power-Grip of the Non-Dominant Hand	

Dolan, Sarah	Supervisor: Clarissa Parry
Do Osteopathic students consider smoking status when evaluating patient prognosis?	

Dyke, Paul	Supervisor: Jonathan Edis
A survey of student and qualified osteopaths to asses how motives and influences for choosing an osteopathic career are changing.	

Earle, Alexander	Supervisor: Michael Stewart
The specificity of the Hoffman-Tinel Sign within a Diabetic population	

Fennell, Samantha	Supervisor: Robert McCoy
Investigating how osteopaths assess and treat fall risk in older patients	

Foxon, Jon	Supervisor: Roberta Herrick
Attitudes and practice of informed consent within the osteopathic profession	

Foxter, Jarvia	Supervisor: Steve Sandler
An exploration of osteopathic perceptions and management of symphysis pubis dysfunction (SPD) in pregnancy compared to current research and standard care.	

France, Shianett	Supervisor: Kevin Brownhill
Do patients who are clinically anxious want music to be played in the British School of Osteopathy reception?	

Frickel, Nichola	Supervisor: Ruth Levitan
A Qualitative Study into the Challenges Facing Osteopathy in South Africa	

Gowland, Jackie	Supervisor: Joanne Zamani
A feasibility study into the effectiveness of a physical activity website to increase patient adherence to chronic simple low back pain management	

# Research and Scholarship Report 2007/2008

protocols	
Harris, Katherine	Supervisor: Penny Conway
An exploration into the attitudes of GPs in Wales towards osteopathy	
Harvey, Elizabeth	Supervisor: Paddy Searle-Barnes
A comparison of active and passive rib stretches on Peak Expiratory Flow rate	
Haynes, David	Supervisor: Matthew Harris
The usefulness of relaxation techniques for the relief of chronic pain, a pilot study.	
Headley, Simon	Supervisor: Helen Robinson
How do manual therapists manage their patients with asthma?	
Henaghan, Chloe	Supervisor: Steve Sandler
Interventions for Pregnancy-related Pelvic Girdle Pain: How well are the guidelines supported by the evidence?	
Iram, Samera	Supervisor: Matthew Harris
Physical inactivity prior to onset of low back pain (LBP) and severity of simple low back pain in sedentary workers attending the British School of Osteopathy Clinic: are physically inactive patients affected more by LBP?	
Janakova, Zuzana	Supervisor: Lindsey Howley
The Impact of Practitioners' use of English as a Second Language on Patients' Satisfaction. An Exploratory Study	
Kavanagh, Matt	Supervisor: Andrew Lay
A Survey of Osteopathic Opinion on the Management of Patients with Gout	
Kirkham, Lucy	Supervisor: Steve Sandler
Osteopathic treatment of nulliparous women and three labour-related parameters: a retrospective observational study	
Knight, Rachel	Supervisor: Steven Vogel
The frequency and nature of short term reactions post treatment: A cross sectional survey of new patients attending the British School of Osteopathy (BSO)	
Knott, Jenny	Supervisor: Kevin Gill
An investigation into the relationship between lower extremity injuries in runners and arch index and running footwear worn	
Lasham, Oliver	Supervisor: Roberta Herrick
A qualitative study: Should osteopaths use breathing exercises for	

# Research and Scholarship Report 2007/2008

patients with fear avoidance and chronic low back pain?	
Laws, Tzaneen	Supervisor: Steve Sandler
An exploratory study into the use and teaching of Per Rectal techniques within Osteopathy	
Lee, Esther	Supervisor: Roberta Herrick
Perceived Effectiveness Gaps: GP 'wish list' for CAM in Surgery	
Lewis, Hannah	Supervisor: Michael Stewart
An experimental investigation into the relationship between adult head-on-neck posture and backpack weight.	
Lisboa, Claire	Supervisor: Hilary Abbey
A qualitative study using semi-structured interviews with osteopaths on the significance of touch when treating older people	
Litchfield, Caroline	Supervisor: Lindsey Howley
Is communication the key to osteopathy? Perceived Communication between Patients and Osteopaths relative to Patient Satisfaction	
Lockyear, Bethany	Supervisor: Hilary Abbey
Does massage therapy (MT) improve sleep quality? A Systematic Review	
Lomax, Lizzy	Supervisor: Tom Sheehan
An investigation into symptom production during thoracic outlet syndrome provocative shoulder manoeuvres in symptomatic and asymptomatic subjects	
Magnouat, Delphine	Supervisor: Roberta Herrick
A description of the profile of osteopathic practitioners in France	
Kate Williamson	Supervisor: Margaret Wolff
An investigation into the effect of government funding on full-time admissions to the B.Ost degree course at the British School of Osteopathy	
Malaczynska, Ania	Supervisor: Helen Robinson
Diagnosing depression in children - implications for osteopathy	
Mallett, Dominic	Supervisor: Emma Chippendale
Musculoskeletal manifestations associated with HIV-positive patients	
Martin, Matthew	Supervisor: Simon Browning/Will Podmore
A Comparison of the use of Lumbar Radiography at the Anglo-European College of Chiropractic (AECC) and the British School of Osteopathy	

# Research and Scholarship Report 2007/2008

(BSO)

Moore, Lucy	Supervisor: Jonathan Edis
Seasonal Effects on Patient Consultation Rates Pain Levels and Recorded Emotional Factors	

Nelhams, Paul	Supervisor: Kevin Brownhill
The Role of Occupational Stress in the Development of Coronary Heart Disease: A Review of the Literature	

Norman, Patrick	Supervisor: Steven Vogel
Attitudes towards osteopathic prescribing: A study to examine possible links between osteopaths' attitudes on osteopathic prescribing rights and their treatment orientation	

Ormrod, Joma	Supervisor: Ceira Kinch
The Effectiveness of Orthotics in the Osteopathic Management of Plantar Fasciitis. A Systematic Review	

Panesar, Kamaldeep	Supervisor: Hilary Abbey
Repetitive Strain Injury and Carpal Tunnel Syndrome: An Osteopath's experience	

Parry, Tom	Supervisor: Simon Browning
Attitudes to back pain amongst Osteopaths: A comparison of Osteopathy and an interdisciplinary approach using the Attitudes to Back Pain Scale for Musculoskeletal Practitioners	

Patel, Serena	Supervisor: Hilary Abbey
Osteopaths' beliefs on why patients choose osteopathy at the BSO in comparison to the views of patients	

Patel, Kalla	Supervisor: Simon Browning
A study into the benefits of simple upper extremity stretching exercises in the muscular symptoms of visual display terminal (VDT) operators	

Patton, Helen	Supervisor: Roberta Herrick
A study into the coping strategies of first, second, third and fourth year Osteopathic students in relation to stress	

Pereira, Rachael	Supervisor: Hilary Abbey
A Follow-up Study to "Examination of the Scope and Quantity of Published Osteopathic Research (1999-2000) Identified Using the Search Words Osteopath, Osteopathy and Osteopathic."	

Posen, Ben	Supervisor: Will Podmore
Do osteopaths adhere to the General Osteopathic Council's (GOsC) guidelines on chaperones?	

# Research and Scholarship Report 2007/2008

Quaintrell, Peter	Supervisor: Michael Stewart
The Efficacy of omega fatty acid supplements for rheumatoid arthritis – a systematic review	
Rowland, Oliver	Supervisor: Paul Blanchard
Patients with HIV infection attending a hospital-based osteopathic clinic: demographics and patterns of referral	
Salisbury, Katharine	Supervisor: Steven Vogel
An Investigation into Osteopaths' Views about Returning Patients with Low Back Pain to Work and Full Functioning	
Sharman, Laura	Supervisor: Rebecca Mercer
Osteopathy, is it a pain in the thumb?	
Shooter, Jill	Supervisor: Joanne Zamani
An exploratory study of the Osteopathic Management of the patient following a median sternotomy	
Spiers, Byron	Supervisor: Trevor Jefferies
A Multiple Sclerosis (MS) sufferer's view of the perceived efficacy of complementary and alternative medicine (CAM)	
Thorogood, Julian	Supervisor: Kevin Brownhill
An Investigation into the Effects of a Supine Abdominal Breathing Exercise on Lung Function, as Measured by FVS and FEV1	
Treadaway, Elizabeth	Supervisor: Kevin Brownhill
An Investigation into the Experience of Using a Child Car Safety Seat on Low Back Pain	
Turner, Matt	Supervisor: Alison Durant
Muscle Energy Technique: A Narrative Review Investigating the Possible Mechanisms	
West, Dellus	Supervisor: Joanne Zamani
Prevalence of job stress and satisfaction amongst qualified osteopaths in the UK	
Woodgate, Keith	Supervisor: Frank Vincent
Is massage therapy effective in reducing cortisol levels in adult and adolescent recipients? A systematic review of the literature.	
Wright, Niamh	Supervisor: Frank Vincent
The Relationship between Anatomical location of Chronic pain and Depressive symptoms in patients attending the British School of Osteopathy	
Wrigley, Melanie	Supervisor: Hilary Abbey

# Research and Scholarship Report 2007/2008

An investigation into the use of meditation by osteopaths as a means of self care and enhancement of clinical skills