

## LEICESTER RESEARCH GRANTS & BOOKS

### Press Coverage of Research Grants

The Bulletin is sent to the media as well as other external contacts. As a result, details of grants appearing in this section may stimulate press interest. The Press Office may also actively seek media coverage of particular grants detailed in this section. It is therefore the grantholder's responsibility to request that any grant of a sensitive or confidential nature be excluded from the Bulletin.

This can be done by contacting the Research Office, which has responsibility for compiling this Research section (2495).

#### RESEARCH GRANTS/CONTRACTS ANNOUNCED JUNE 2006

##### Archaeology and Ancient History

Foxhall L Prof  
RA11G0003

Bova Marina Archaeological Project  
*Society of Antiquaries of London* £1,000

Haselgrove C Prof  
RA11G0023

Traprain Law Environs (post-excavation Year 2)  
*Historic Scotland* £20,000

McFadyen L Dr  
RA11G0016

Archaeological Architectures  
*The Leverhulme Trust* £39,366

Young R Dr  
RA11G0024

International Conference on Pakistan Archaeology  
*The British Academy* £700

##### Biochemistry

El-Mezgueldi M Dr  
RM31G0021

Effect of dilated & hypertrophic cardiomyopathy mutations in cardiac muscle troponin & tropomyosin on the dynamics of the Ca<sup>2+</sup> - regulatory mechanism  
*British Heart Foundation* £123,116

Eperon I Prof

Co-Investigators: Reinhard Luhrmann, Max-Planck-Gesellschaft, GDR  
RM31G0027

EURASNET - European Alternative Splicing Network of Excellence  
*CEC* £37,255

Farmer P Prof  
RM31G0026

NEWGENERIS - Development and application of biomarkers of dietary exposure to genotoxic and immunotoxic chemicals and of biomarker of early effects, using mother-child birth cohorts and biobanks  
*CEC* £50,896

Pritchard C Dr  
RM31G0022

Investigating Raf-mediated oncogenesis

(Year 1)

*Cancer Research UK* £270,825

##### Biology

Bailey J Dr  
RM48G0035

Investigation of the role and extent of sexual reproduction in the Czech populations of Japanese Knotweed s.l.  
*Institute of Botany* £2,500

Harper D Dr  
RM48G0026

Sustainable use of Rift Valley (Kenya) woodlands to conserve Biodiversity  
*Defra* £3,000

Harper D Dr  
RM48G0030

Local Action to bring Global Impact - Communities' Conservation Films  
*Defra* £3,000

Jarvis P Dr  
RM48G0033

Reverse-genetic studies on the in vivo role of the putative Arabidopsis orthologue of Toc12, a new component of the chloroplast protein import apparatus - Vacation Studentship  
Izabela Wojcik  
*Genetics Society* £2,000

##### Cancer Studies & Molecular Medicine

Griffiths T Mr

Co-Investigators: Kriajevska M Dr, Cancer Studies & Molecular Medicine; Qazi H Mr, Cancer Studies & Molecular Medicine  
RM60G0034

E-cadherin and bladder cancer progression - Research Scholarship Mr H Qazi  
*British Urological Foundation* £39,930

Konje J Prof  
RM60G0058

Supplement - Randomised controlled trial of the levonorgestral intrauterine system (Mirena) versus a GnRH agonist in the symptomatic treatment of endometriosis  
*Schering Healthcare* £355,301

Mellon J Prof

Co-Investigator: Tulchinsky E Dr, Cancer Studies & Molecular Medicine  
RM60G0020

Novel EMT (epithelial-mesenchymal-

transition) pathway activated by a stabilised form of Fra-1 (Fos-related antigen-1) in bladder cancer cells - Research Scholarship Richard Vickery  
*British Urological Foundation* £42,000

Steward W Prof  
RM60G0013

Novel strategies for the rational discovery and development of cancer chemopreventive phytochemicals (Yr 1)  
*Cancer Research UK* £190,545

##### Cardiovascular Sciences

Robinson T Dr

RM61G0032

Trent Stroke Local Research Network  
*Department of Health via UHL Trust* £508,237

Williams B Prof  
RM61G0034

Supplement - Ascot Study  
*Pfizer via Imperial College London* £96,413

##### Cell Physiology and Pharmacology

Grubb B Dr

Co-Investigator: Mulheran M Dr  
RM36G0022

Identifying Patterns of Gene Expression in Damaged Neurones - studentship  
*GlaxoSmithKline* £31,998

##### Chemistry

Yang S Dr

RP10G0003

A new frontier in nanochemistry: formation of novel core-shell nanoparticles using liquid helium droplets - Advanced Fellowship  
*EPSRC* £422,155

##### Computer Science

Tuosto E Dr

RP20G0023

History Dependent Automata for Service Oriented Computing (HiDeA4SOC)  
*Nuffield Foundation* £5,000

##### Education

Sutton A Mr

RE10G0019

A Study on the Leadership Role of Advanced Skills Teachers  
*NCSL via Open University* £3,315

Warwick P Dr  
RE10G0011

Action Research in to learning about others, learning about ourselves  
*Mundi Centre for Development Education* £10,647

Warwick P Dr  
RE10G0011

Supplement - Action Research in to learning about others, learning about ourselves  
*Mundi Centre for Development Education* £600

##### Engineering

Pont M Dr

RP12G0039

Non-invasive 'safety agents' for embedded processors  
*LeMRC* £49,125

Postlethwaite I Prof

RP12G0043

Supplement - Integrated Programme of Research in Aeronautical Engineering  
*EPRSC via Cranfield* £63,000

Spurgeon S Prof

RP12G0036

Nonlinear control of complex systems  
*Roberto Rocco Fellowship* £32,684

##### English

Da Rold O Dr

RA12G0008

Fifteenth International Congress of the New Chaucer Society  
*The British Academy* £300

Dawson G Dr

RA12G0011

Victorian Geographies Conference  
*The British Academy* £300

##### Genetics

Dalgleish R Dr

RM33G0022

Yeast two-hybrid analysis of the interaction of secreted phosphoprotein 24 (spp24) with bone morphogenetic protein 2 (BMP2) - Vacation Studentship  
*Nuffield Foundation* £1,432





## Geography

**Bennett K Dr**  
RP13G0009  
Overseas Conference Grant  
*The British Academy* £500

## Health Sciences

**Baker R Prof**  
RM62G0065  
Primary Care Collaborating Centre  
*Nice via Royal College of General Practitioners* £160,615

**Baker R Prof**  
RM62G0067  
Research Secondment - Beth Shaw  
*Royal College General Practitioners* £46,611

## Dixon-Woods M Dr

**Co-Investigator: Dr R Ashcroft, Queen Mary, Univ of London**  
RM62G0035  
Qualitative analysis of accreditation review reports and REC decisions  
*Central Office for Research Ethics Committee (COREC)* £34,673

## Draper E Dr

RM62G0052  
The Impact of changing workforce patterns in UK paediatric intensive care services on staff practice and patient outcomes study  
*Department of Health Leeds via University of Aberdeen* £159,038

## McGrother C Dr

RM62G0072  
Supplement - Learning Disabilities Register  
*Leicester Frith Hospital* £161,254

## History

**Hyde C Mr**  
**Co-Investigator: Rodger R Prof, School of Historical Studies**  
RA15G0022  
*Leicestershire Villages Leicestershire County Council – The Ark Business Centre* £8,900

## Sweet R Prof

RA15G0018  
Urban Europe in Comparative perspectives  
*The British Academy* £300

## Infection, Immunity, Inflammation

**Brightling C Dr**  
RM63G0043  
Mast cell and airway smooth muscle interactions in asthma  
*Cambridge Antibody Technology Ltd* £22,500

## Brunskill N Dr

RM63G0045  
Supplement - A study of the cellular mechanisms underlying the promise of statins as therapeutic agents in progressive renal disease  
*Astrazeneca* £93,459

## Schwaeble W Prof

RM63G0019  
The specificity of carbohydrate pattern recognition, stoichiometry and activation events of the innate immune response initiated by the lectin pathway recognition subcomponent L-ficolin  
*British Council SA* £3,400

## Law

**Clarkson C Prof**  
**Co-Investigator: Cunningham S Dr, Law**  
RL10G0022  
Conference: Criminal Liability for Non-Aggressive Death  
*The British Academy* £1,893

## Minkinen P Prof

RL10G0012  
Overseas Conference Grant: Centennial Conference on Levinas and Law, Faculty of Law, McGill University, Montreal, Canada  
*The British Academy* £500

## Parry R Dr

RL10G0021  
China's Corporate Rescue Laws, A European perspective  
*The British Academy* £300

## Mathematics

**Georgoulis E Dr**  
RP201G0017  
The Development of Continuous-Discontinuous Finite Element Methods for Convection-Diffusion Problems  
*Nuffield Foundation* £5,000

## Physics & Astronomy

**Cowley S Prof**  
RP16G0020  
Plasma environments of the Outer Planets  
*The Leverhulme Trust* £36,592

## Fraser G Prof

**Co-Investigator: Pearson J Dr, Physics & Astronomy**  
RP16G0065  
Development of an X-ray Spectrometer for the Bepi-Colombo Mission to Mercury. ESTEC Contract No: 19412/05/NL/NR - Studentship, Craig Brown  
*European Space Agency - ESTEC Finance Division* £47,596

## Grocott A Dr

RP16G0032  
Eighth International Conference on Substorms  
*The Royal Society* £1,210

## Lees J Dr

RP16G0087  
Micro-Channel Plate Autoradiography  
*University of Nottingham* £2,758

## Nelms N Dr

RP16G0078  
Mars XRD Breadboard - SRC-2006-004  
*ESA via Brunel University* £4,758

## Pullan D Mr

RP16G0008  
Interplanetary Exploration Rover Technology Development (joint proposal reference D206800)  
*PPARC* £10,167

## Warwick R Prof

RP16G0053  
Supplement - The Leicester Data Archive System  
*PPARC* £12,146

## Psychology

**De Lillo C Dr**  
RM43G0015  
Contrasting hierarchical coding & movement length as determinants of recall improvement in serial spatial memory - Undergraduate Research Bursary: Josephine E Marson  
*Nuffield Foundation* £1,440

## Sociology

**Carter R Dr**  
**Co-Investigator: Stevenson H Dr, Education**  
RS14G0001  
Workforce Remodelling, Teacher Trade Unionism and School-Based Industrial Relations  
*ESRC* £171,182 *To be Confirmed (Beyond Distance Research Alliance)*

## Salmon G Prof

RS101G0004  
Informal Mobile Podcasting And Learning Adaptation (IMPALA)  
*Higher Education Academy* £38,835

## RESEARCH GRANTS/CONTRACTS ANNOUNCED AUGUST 2006

## Biology

**Franklin K Dr**  
RM48G0020  
Ambient temperature and plant development  
*The Royal Society* £397,964

## Heslop-Harrison J Prof

RM48G0044  
Musa genome frame-map construction and connection with the rice sequences  
*INIBAP* £3,616

## Twel D Prof

RM48G0032  
19th ICSPP conference, Budapest, Hungary  
*The Royal Society* £710

## Cancer Studies & Molecular Medicine

**Ablett S Dr**  
RM60G0063  
Supplement - High Risk Neuroblastoma - Biological studies  
*Cancer Research UK* £42,155

## Manson M Prof

**Co-investigator: Moiseeva E Dr, Cancer Studies & Molecular Medicine**  
RM60G0050  
Development of novel therapy, involving indole-3-carbinol, for colon

metastasis in liver  
*Hope Foundation* £75,253

## Computer Science

**Reiff-Marganiec S Dr**  
RP202G0022  
DSTL as formal semantics for the Policy Language Appeal  
*The Royal Society* £2,460

## Engineering

**Turner M Dr**  
RP12G0044  
Grant in aid of research-Control System Saturation  
*Raven Scholarship Trust* £9,500

## Genetics

**Brookes A Prof**  
RM33G0043  
Micro-array and fluorescence microscopy facilities in the Centre for Genetics / Genomics Research  
*Wolfson Foundation* £500,000

## Brookes A Prof

RM33G0047  
Grant in Aid of Research  
*FEBIT* £80,000

## Brookes A Prof

RM33G0048  
DASH Chemistry Development  
*FEBIT* £35,000

## Brookes A Prof

RM33G0049  
Copy-number polymorphism analysis of the type 2 diabetes gene calpain-10  
*National Institute of Health via University of Chicago* £57,818

## Dubrova Y Prof

RM33G0052  
NOTE: - Non-targeted effects of ionising radiation  
*CEC via STUK (Radiation & Nuclear Safety Authority, Finland)* £88,723

## Tauber E Dr

RM33G0044  
Quantitative Trait Loci (QTL) Analysis of the circadian clock in drosophila  
*Nuffield Foundation* £1,440

## Geology

**Saunders A Prof**  
RP14G0023  
Professor of Isotope Geology & Head of NERC Isotope Geosciences Laboratory  
*British Geological Society* £353,080

## Health Sciences

**Stone M Dr**  
RM62G0079  
Development of an educational module for use in ethnic minority patients newly diagnosed with Type 2 Diabetes: a project building on the DESMOND Programme  
*Diabetes UK via UHL NHS Trust* £13,294

## Tobin M Dr

RM62G0007  
A Programme of Research into Cardiovascular Genetic Epidemiology  
*MRC* £725,536



**Infection, Immunology, Inflammation**  
**Wallis R Dr**  
**RM63G0050**

Molecular recognition & regulation of the lectin pathway of complement activation

*MRC £357,872*

**Labour Market Studies**

**Sung C Mr**

**Co-investigator: Quinn M Mr, Labour Market Studies**  
**RS141G0005**

Learning and Development Survey 2007

*Chartered Institute of Personnel and Development £12,384*

**Mathematics**

**Hunton J Prof**

**RP201G0018**

Visit of Dr S Richard

*London Mathematical Society £600*

**Physics & Astronomy**

**Fraser G Prof**

**Co-investigators: Stevenson T Mr, Physics & Astronomy; Bunce E Dr, Physics & Astronomy**  
**RP16G0094**

Bepi Colombo mercury imaging X-ray spectrometer

*PPARC £3,424,350*

**Lapington J Dr**

**RP16G0034**

Information-Rich Photon Imaging of Cells

*BBSRC £401,764*

**Lapington J Dr**

**RP16G0073**

Development Diamond Dynodes for Next Generation High Throughput Photon Counting Detectors

*EPSRC £78,420*

**RESEARCH GRANTS/CONTRACTS ANNOUNCED SEPTEMBER 2006**

**Biochemistry**

**Carr M Dr**

**Co-Investigator(s): Burke B Dr, Infection, Immunology, Inflammation; Williamson R Dr, University of Kent**  
**RM31G0016**

Structures, functions and mechanisms of action of major M tuberculosis and M. bovis protein virulence factors: towards a detailed understanding of the molecular basis of tuberculosis pathogenesis and importance of pathogen to host cell signalling  
*Wellcome Trust £494,192*

**Cowley S Dr**

**RM31G0035**

Analysis of Class-I Histone Deacetylase Function in embryonic development,

tissue formation and homeostasis -

Fellowship Dr S M Cowley

*MRC £990,696*

**Biochemistry**

**Shackleton S Dr**

**RM31G0037**

RCUK Fellowship

*EPSRC £125,000*

**Biology**

**Whitelam G Prof**

**RM48G0049**

Supplement - Pesticide Biomarker

Antibodies

*ADAS Consulting Ltd £149,737*

**Cancer Studies & Molecular Medicine**

**Pringle J Dr**

**RM60G0070**

Supplement - Bursary - Masters Course

Award

*Cancer Research UK £28,355*

**Tincello D Dr**

**RM60G0067**

Grant in Aid - Continence Awareness

*Astellas Pharma Ltd £10,000*

**Tincello D Dr**

**Co-Investigator(s): Kenyon S Ms, Cancer Studies & Molecular Medicine**  
**RM60G0069**

Randomised trial of botulinum toxin. A

BOTOXr versus placebo for refractory

detrusor overactivity

*REMEDI £2,900*

**Tincello D Dr**

**RM60G0074**

Grant in Aid to support attendance at

the International Continence Society

meeting 2006

*Astellas Pharma Ltd £1,000*

**Tincello D Dr**

**RM60G0075**

Grant in aid to support attendance at

International Continence Society

meeting 2006

*Janssen Cilag £1,000*

**Tincello D Dr**

**RM60G0077**

Grant in aid to support attendance at

International Continence Society

meeting 2006

*American Medical Systems*

*UK Ltd £1,000*

**Tincello D Dr**

**RM60G0082**

Colposuspension or TVT with anterior

repair for urinary incontinence and

prolapse: A Pilot Study (CARPET 1)

*MRC £91,370*

**Cell Physiology & Pharmacology**

**Evans R Prof**

**RM36G0035**

Supplement - P2x1 receptors for ATP

physiological roles regulations &

molecular properties

*Wellcome Trust £10,759*

**Hamann M Dr**

**RM36G0039**

RCUK Fellowship

*EPSRC £125,000*

**Chemistry**

**Ball S Dr**

**RP10G0006**

Continuum absorption at visible &

infrared wavelengths & its atmospheric

relevance (CAVIAR)

*NERC £126,343*

**Computer Science**

**Fiadeiro J Prof**

**RP202G0030**

SENSORIA Software Engineering for

Service

*CEC £121,489*

**Economics**

**Charemza W Prof**

**RS10G0008**

Incorporating socio-economic

indicators into VAR modelling of NIS

economies: labour mobility and

remittances

*INTAS £5,980*

**Engineering**

**Bates D Dr**

**RP12G0050**

Worst Case Analysis Tool

*ESTEC Via KNMI £37,500*

**Bates D Dr**

**RP12G0053**

Alstom EPSRC Case Studentship

*GEC Alstom Eng*

*Systems Ltd £19,821*

**Dong H Dr**

**RP12G0041**

Modelling of last stage solidification for

optimisation of investment casting

process

*The Royal Society £74,506*

**Fothergill J Prof**

**RP12G0049**

Supplement - The development of

nanocomposite dielectric structures

*Schneider Electric*

*Industries SAS £8,824*

**Siddle D Dr**

**RP12G0002**

The effect of meteorological

parameters on the propagation of

UHF/SHF radio waves

*Nuffield Foundation £5,000*

**Genetics**

**Hollox E Dr**

**RM33G0041**

The 8th International Meeting on

Human Genome Variation and

Complex Genome Analysis

*The Royal Society £1,100*

**Kinning E Dr**

**RM33G0051**

Supplement - A clinical & molecular

genetic study of the skeletal Dysplasia

Dyggve Melchior Clausen Syndrome

*MRC £11,414*

**Geography**

**Tansey K Dr**

**RP13G0024**

GLOBECARBON CCN2

*European Space Agency £11,052*

**Brewer T Dr**

**RP14G0022**

Supplement - FY03-13 The JOI

Alliance: Systems Integration and a

Riserless Vessel for IODP

*Columbia University £8,160*

**Health Sciences**

**Brugha T Prof**

**Co-Investigator(s): Meltzer H Prof,**

**Health Sciences**

**RM62G0071**

Adult Psychiatric Morbidity Survey

2006/07

*Department of Health via National*

*Centre for Social Research £361,839*

**Dixon-Woods M Dr**

**RM62G0084**

Supplement - Childhood Cancer Tissue

Donations: A Gift relationship?

*ESRC £20,691*

**Law**

**Bell M Dr**

**RL10G0038**

Supplement - Establishment of a

European Network of Legal Experts

*CEC via MEDE*

*European Consultancy £13,515*

**Modern Languages**

**Aissaoui R Dr**

**RA14G0003**

The Politics of Identity and Migration:

Maghrebi Migrants' Political Discourse in

colonial and postcolonial France.

*AHRC £24,387*

**Museum Studies**

**Gibson L Dr**

**Co-Investigator(s): Mr J Pendlebury,**

**University of Newcastle**

**RA17G0010**

Valuing the Historic Environment:

Concepts, Instrumentalisations and

Effects

*EPSRC £29,480*

**Physics & Astronomy**

**Burleigh M Dr**

**RP16G0095**

Supplement - Imaging extra-solar

planets

*PPARC £6,983*

**Remedios J Dr**

**RP16G0077**

Supplement - Protocol monitoring for the

GMES service element (PROMOTE)

*European Space Agency*

*Via KNMI £15,366*

**Sims M Dr**

**RP16G0072**

Application of Planetary 3 Dimensional,

Multi-Spectral and Hyper-Spectral

Imaging Techniques and Analysis to

Forensic Science

*PPARC £109,181*

**Sims M Dr**

**RP16G0098**

Application of Planetary 3-dimensional,

multi-spectral & hyper-spectral imaging

techniques & analysis to forensic science

*Forensic Science Service £67,299*



**Psychology**  
**Jordan T Prof**  
**Co-Investigator(s): Paterson K Dr,**  
**Psychology**  
**RM43G0003**  
Developing practical solutions for reading impairments  
*Ulverscroft Foundation £105,000*

## RESEARCH GRANTS/CONTRACTS ANNOUNCED OCTOBER 2006

**Biochemistry**  
**Critchley D Prof**  
**RM31G0042**  
Cell Migration Consortium  
*National Institute of Health via University of Virginia £34,105*

**Wallis R Dr**  
**RM31G0041**  
RCUK Academic Fellowship  
*RCUK via EPSRC £125,000*

**Biology**  
**Cann A Dr**  
**RM48G0054**  
MicrobiologyBytes Podcasts  
*Society for General Microbiology £1,000*

**Cancer Studies and Molecular Medicine**  
**Ablett S Dr**  
**RM60G0081**  
Supplement - Hyperfractionated versus conventionally fractionated Radiotherapy in Standard Risk Medulloblastoma  
*Cancer Research UK £43,741*

**Jones G Dr**  
**RM60G0080**  
Supplement - Delineation and exploitation of the molecular characteristics of cancer cell radiosensitivity to predict the radiation response of tumours  
*Cancer Research UK £50,224*

**Cardiovascular Sciences**  
**Tomaszewski M Dr**  
**Co-Investigator(s): Samani N Prof,**  
**Cardiovascular Sciences; Dominiczak A Prof, University of Glasgow**  
**RM61G0023**  
The Y chromosome and cardiovascular disease - an evolving understanding of the molecular mechanisms  
*British Heart Foundation £99,007*

**Cell Physiology and Pharmacology**  
**Evans R Prof**  
**RM36G0045**  
Biochemical and mutational analysis of the extracellular ATP binding domain and antagonist binding site of P2X receptors  
*GlaxoSmithKline £22,500*

**Grubb B Dr**  
**Co-Investigator(s): Young A Dr,**  
**Psychology**  
**RM36G0046**  
Evaluation of microdialysis to simultaneously measure drug concentrations in the brain and the Pharmacodynamics of neurotransmitter release  
*Pfizer Dublin £20,295*

**Pawlak R Dr**  
**RM36G0030**  
Brain and Anxiety: Neural mechanisms of fear and anxiety: Interactions

between proteases and extracellular milieu  
*CEC £1,144,530*

**Engineering**  
**Spurgeon S Prof**  
**Co-Investigator(s): Edwards C Dr,**  
**Engineering**  
**RP12G0037**  
Robust output feedback sliding mode control for time-delay systems  
*EPSRC £386,444*

**Warrington E Dr**  
**RP12G0055**  
Industrial CASE Studentship - Development of Ionospheric Data Assimilation for Space Weather Effects on Radio Systems  
*QINETIQ £22,038*

**Genetics**  
**Giorgini F Dr**  
**RM33G0037**  
Identification and characterisation of microglia-specific candidate therapeutic targets for Huntington's Disease  
*The High Q Foundation £106,894*

**Kyriacou C Prof**  
**RM33G0059**  
EUCLOCK - Entrainment of the Circadian Clock  
*CEC via Ludwig-Maximilians-University £199,059*

**Health Sciences**  
**Cooper N Dr**  
**RM62G0086**  
Supplement - The use of evidence synthesis and uncertainty modelling in economic evidence-based health-related decision models  
*MRC £7,628*

**Infection, Immunology, Inflammation**  
**Kilvington S Dr**  
**RM63G0059**  
SODISWATER: Solar disinfection as an appropriate Household Water Treatment and Storage (HWTS) intervention against childhood diarrhoeal disease in developing countries or emergency situations  
*CEC via Royal College of Surgeons Ireland £121,669*

**Schwaeble W Prof**  
**Co-Investigator(s): Prof Steven H Sacks, Infection, Immunol.,Inflam. Clinical**  
**RM63G0015**  
The role of lectin activation pathway of complement in renal reperfusion injury and kidney transplantation  
*Wellcome Trust £221,347*

**Physics & Astronomy**  
**Robinson T Prof**  
**RP16G0049**  
Supplement - SPEAR Operations Phase  
*PPARC £417,374*

## RESEARCH GRANT SUMMARIES JUNE/AUGUST/SEPTEMBER/OCTOBER 2006/ ANNOUNCED DECEMBER 2006/ JANUARY 2007

**RP16G0098 & RP16G0072**  
**Dr M Sims,**  
**Physics and Astronomy**  
Crime detection and prosecution of criminals relies heavily in many cases on so called "trace evidence" linking the suspects to the crime or shedding light on the crime itself. Trace evidence may consist of body fluids (blood, semen etc.), bruises, fibres or flecks of paint. Detection of trace evidence is crucial and should be conducted in the most efficient manner and the various types of trace evidence can be detected via their characteristic optical and fluorescent properties. This identification has traditionally used narrow band light sources, - "Crime Lights" or Alternate Light Sources (ALSs) - , and a manual and visual search, over the evidence article/area, using goggles which allow viewing in a single wavelength band, followed by separate analysis methods to confirm the type of evidence. A

technique most people are familiar with via TV programmes such as CSI. This initial search is however a time-consuming activity and requires the concentrated effort of one or more scene of crime or forensic laboratory personnel. New optical techniques and technologies especially those used in astronomy and planetary research can in principle make the process much more efficient and at least partially, if not fully, automated. The aim of the work is to apply and develop planetary imaging technology and data analysis techniques as a tool for rapid screening of evidence in a forensic laboratory, leading to rapid input for intelligence-led crime detection. Combining these techniques (which include hyper-spectral imaging, see note below) with recent developments in computing and image processing should allow near real time processing of evidence articles and possibly fully automated screening of articles with automated identification and characterisation of the evidence. A medium to longer term goal of this initial project will be to develop and deploy a mobile system capable of being used at an actual crime scene,

further increasing the efficiency of the screening and detection process. A number of other forensic uses for the imaging techniques will be investigated during the course of the knowledge transfer project, for example location and imaging of fingerprints on surfaces and materials, with and without the use of powders, sprays or fuming or identification of forged documents using the different optical properties of inks and papers. The work will include developments based around using a commercially available hyper-spectral imaging system the Nuance system available from Newport LOT-Oriel and CRI Inc. To ensure that the work is relevant and informed forensic input is used, the work will be conducted in partnership with the UK's Forensic Science Service who will also provide one possible route to market.  
**RP16G0034 & RP16G0073**  
**Dr J Lapington**  
**Physics and Astronomy**  
**'Information-Rich Photon Imaging Cells' (IRPICS)**  
Cells and tissue are complex materials

whose heterogeneity and dynamic changes are principally driven at the micron and sub-micron size scales, with underlying events ranging upwards from microsecond time scales, and measurement also based upon faster photo-electronic events of molecules (eg. fluorescent and Raman emission from picosecond to nanosecond timescales). Advances in high energy physics and space research have made possible a fast photon imaging detector with >1000 channels each measuring individual photon arrivals to picosecond temporal sensitivity. We aim to develop and use this imaging detector to capture the high spatial and temporal complexity of cells and tissue. In particular, our objectives concern maximizing the photon information available to unravel complex multi-component signals, including within background noise, below the visibility of present measurement and automated platforms, which underlie challenges in quantitative imaging and bioassays of live cells and tissue.  
**Development of diamond dynodes for the next generation high throughput**



## photon counting detectors (3D)

The goal of this project is to develop a robust, stable and cost effective dynode material with improved secondary electron yield for electron multiplication in vacuo, thus providing a fundamental enabling technology for the next generation of 3D (time and position) photon and particle counting detectors, and for performance enhancement of existing devices. Improved dynode materials requiring few gain stages will be necessary to drive the development of micro-machined large area, low noise photon counting detector arrays, where each pixel is equivalent to a miniaturized photomultiplier tube with encapsulated vacuum. Enhanced performance through miniaturization, coupled with the imaging qualities akin to microchannel plates and count rate advantages of conventional photomultipliers, promise detectors with high resolution imaging capability combined with high event throughput and excellent time resolution. The project objectives are to characterize the secondary electron emission of diamond coatings for use in electron multiplication, develop an optimized procedure for manufacture, and demonstrate the performance of a discrete dynode electron multiplier design.

## RL10026

**Dr M Bell, Law**

### European Network of Legal Experts in the Non-Discrimination Field

The Network is funded by the European Commission to analyse implementation of EU anti-discrimination directives in the 25 EU Member States. The network prepares annual country reports and periodic thematic reports on key issues of anti-discrimination law. It also publishes the European Anti-Discrimination Law Review. Mark Bell participates in the coordination of the Network and co-authors the annual comparative analysis of anti-discrimination law in Europe.

## RM60G0050

**Professor M Manson**

### Cancer Studies and Molecular Medicine (Co-investigator: Dr E Moiseeva, Cancer Studies and Molecular Medicine)

Cancer is an increasing problem all over the world. Some dietary constituents in fruit and vegetables can decrease the risk of developing cancer. Our project will investigate the dietary chemopreventive agent indole-3-carbinol derived from cruciferous vegetables. This dietary agent decreased the toxic side effects of chemotherapy in animal models.

It also induces cell death in some cancer cells in the laboratory.

Indole-3-carbinol has already shown very encouraging results in phase II clinical trials in patients with

intraepithelial neoplasias and respiratory papillomatosis. In the USA it is an approved nutritional supplement, which has very few side effects after long-term consumption.

Our project has two main aims. Firstly we would like to investigate whether indole-3-carbinol may decrease the side effects of current treatments with toxic chemotherapeutic drugs and, thereby, improve the efficacy of treatments in patients with metastatic colorectal cancer. Our second goal is to investigate whether indole-3-carbinol can be used for treatment of malignant bowel cancer alone and in combination with other drugs. If this study is successful, it will facilitate the development of more effective treatment for colorectal cancer.

## RP10G0006

**Dr S Ball**

### Chemistry

#### Continuum absorption at visible and infrared wavelengths and its atmospheric relevance (CAVIAR)

Water vapour is the most important greenhouse gas in the Earth's atmosphere. By trapping heat that would otherwise escape into space, atmospheric water vapour helps maintain the Earth's surface temperature within the narrow range that makes our planet habitable. Current temperature rises attributable to the other greenhouse gases (carbon dioxide, methane...) are also causing atmospheric water vapour concentrations to increase, with the potential to exacerbate the effects of climate change.

This NERC-sponsored award brings together a consortium of eight research institutions to perform inter-connected laboratory, theoretical and field studies of water vapour. Whilst much is already known about how individual water molecules absorb light (to produce bands of narrow absorption lines), water vapour's weaker but nevertheless important "continuum" absorption is not well-characterised. This work aims to produce (i) a robust physical understanding of the continuum and its origins and (ii) a "community model" of the continuum that will be used to better assess water vapour's role in the present climate and to facilitate accurate predictions of climate change.

## RP12G0037

**Professor S Spurgeon**

### Engineering

#### (Co-Investigator: Dr C Edwards, Engineering)

#### Robust output sliding mode control for time-delay systems'

This research is concerned with the development of novel, theoretically sound control techniques for application to nonlinear, complex and uncertain industrial processes. The research will focus on extending the existing sliding

mode control design paradigm developed by the investigators to enable the application of the methodology, with its proven robustness properties, to systems with after effect, otherwise known as time-delay systems and given that only output signals are available for measurement. The applied research will focus on the production of two significant implementation studies relating to control of autonomous and semi-autonomous vehicles and also the control of satellites to demonstrate the efficacy of the underlying philosophy and the new design algorithms. These are pertinent design studies to inform the development of the theoretical research programme as well as being used as vehicles to illustrate the research outcomes.

## RA17G0010

**Dr L Gibson**

### Museum Studies

#### Valuing the Historic Environment: Concepts, Instrumentalisations and Effects

Various activities to facilitate a new cross disciplinary forum for the discussion of frameworks of value in relation to the preservation of historic environments, leading to further collaborations and outputs, with the potential to influence academic debate and policy formulation.

## RM31G0035

**Dr S Cowley**

### Biochemistry

#### What do Histone Deacetylases do? And how can they be used to Fight Cancer?

'Histone deacetylases' (HDAC) are enzymes which are present in every cell in the body. Their function is to switch genes activity 'off', and making sure they stay 'off'. In many respects shutting a gene down is every bit as important as switching a gene on. I intend to study the roles of three different HDAC enzymes (HDACs 1, 2 and 8) in an effort to understand which genes they control in their natural physiological setting. HDAC enzymes represent an exciting medical opportunity because they are 'druggable'. Already, inhibitors of HDAC activity are being tested in the clinic as anti-cancer agents, and in the laboratory for their beneficial affects on an Alzheimer's disease and their anti-inflammatory properties. There is therefore a compelling applied, as well as academic, motivation for studying their physiological roles in order to assess their potential as pharmacological targets for use in treating patients.

## RM62G0007

**Dr M Tobin**

### Health Sciences

High blood pressure affects around

30% of all adults in England, and its causes are incompletely understood. This research aims to develop and use powerful new methods to identify the genetic variations that cause high blood pressure. Its findings should improve our understanding of how high blood pressure occurs, and how it can be prevented and treated more effectively. The program involves collaborations with researchers from the University of Leicester, the University of Bristol and St. George's Medical School. Following screening studies involving over half a million points in the human genome, Dr Tobin and collaborators will study in detail the blood pressure effects of different kinds of human genome variation in the targeted genomic regions. Through improved blood pressure control, such research should ultimately impact on the rates of strokes and heart attacks.

## RP12G0002

**Dr D Siddle**

### Engineering

#### Propagation Studies at GSM frequencies

Personal mobile communications, like GSM are nowadays taken for granted, but with ever increasing demand for more services and better coverage, the simple models used to predict propagation of these ultra-high frequency signals become inadequate. This is particularly true in coastal areas, where moisture in the air causes irregular propagation. The Radio Systems Group plan to carry out experiments to measure and predict these anomalous effects. Part of the grant will also be used to look further ahead, aiming at collaborative work with the European COST 297 programme on High Altitude Platforms: stratospheric aircraft, which may one day replace the the ever more familiar but controversial rooftop antennas used by today's mobile phone companies.



# Criminal Psychology - A Beginner's Guide

Editors: R. Bull, C. Cooke, R. Hatcher, J. Woodhams, C. Bilby, and T. Grant; Publisher: Oneworld Publications; ISBN 1-85168-477-8; Price: £9.99

► How do you deal with those that break the law? If their aim is to evade you, how do you find and identify them? If their aim is to lie, how do you successfully interview them? If they don't see their actions are wrong, how do you help them to reform?

Criminal psychology tackles these challenges head on. From the signals which reveal we're lying, to the psychological profiling of violent offenders, Ray Bull and his team of experts provide an all-encompassing introduction to this fascinating subject. Including coverage on verifying the reliability of eyewitness (and earwitness) testimony, and the much-debated topic of sex offenders and their treatment, this invaluable book shows that we can view justice from a more informed perspective by better

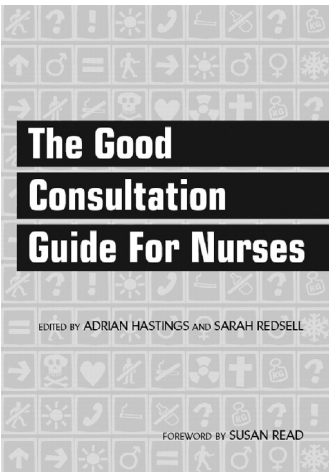
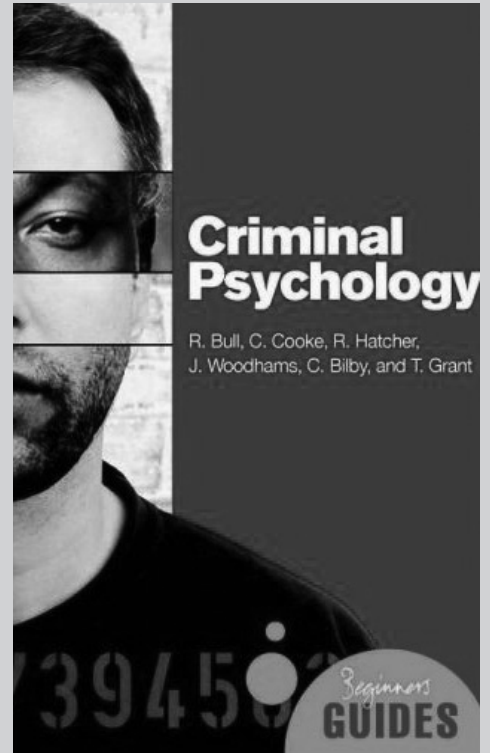
understanding how the mind works.

Professor Ray Bull is Chair in Forensic Psychology at the University of Leicester. His co-authors are all lecturers at the University of Leicester.

"A very readable book in everyday language that is interesting, comprehensive, and informative. Excellent and highly recommended."  
- Dan Yarmey, University Professor Emeritus, Department of Psychology, University of Guelph, Canada

"Criminal Psychology: A Beginner's Guide provides an excellent and comprehensive overview of the main areas of Criminal Psychology."

- Dap Louw, Professor and Head of Psychology, University of the Free State, South Africa



# The Good Consultation Guide For Nurses

Editors: Adrian Hastings and Sarah Redsell; Publishers: Radcliffe Publishing Ltd; ISBN: 1-85775-688-6; Price: £19.95

► The recent substantial changes that have taken place in health service structures, staffing arrangements and nursing practice have led to more nurses working in first contact roles and within nurse-led services.

This invaluable guide for nurses improves the skills and knowledge required to consult effectively with patients. It is highly practical, easy to read and comprehend, and is designed for use in daily practice, and as an aid for professional development. The Consultation Assessment and Improvement Instrument for Nurses (CAIIN) concept is introduced, and sample forms, suggested strategies and

tables containing key information are also provided.

Nurses at all levels in primary and secondary care, including those in pre-registration training will find this guide vital, as will nurses considering taking on autonomous roles such as independent prescribing. It is also highly suitable for nurse lecturers, nurse managers, learning and health service managers, and undergraduate and postgraduate nursing students.

"This book is destined to meet the needs of nurses and especially Advanced Nurse Practitioners and those who educate them and employ them. All the key elements of a consultation between nurse and

patient are systematically examined in this book, illuminated by vignettes to bring the process to life and supported by educational guidance and assessment strategies. It will help those who are new to the art of consulting, but will also refresh the knowledge and skills of more experienced nurses and those who teach them." Susan Read, in her Foreword.

Adrian Hastings and Sarah Redsell are, respectively, Senior Lecturer in Medical Education, Leicester Medical School, University of Leicester; Principal Research Fellow, School of Nursing, University of Nottingham.



## Teacher Supply: The Key Issues

Editors: Stephen Gorard, Emma Smith, Patrick White, Beng Huat See; Publishers: Continuum Books; ISBN: 082648770X; Price: £60.00

► This book emerges from a series of studies on issues of teacher supply, quality and retention, undertaken by the authors since 2000 and will be the first full account of the challenging findings. The evidence is drawn from a range of sources including the re-analysis of all job vacancies, numbers and qualifications of school teachers in UK over a decade, supported by a mass survey of career intentions and focus group interviews; and the international comparison of the situation in all countries participating in PISA 2000. From these components of national and international evidence on teacher supply, quality and retention, the authors draw together a range of practical, research, and policy-relevant conclusions.

### Stephen Gorard

Professor Stephen Gorard is in the Department

of Educational Studies at the University of York, UK. He is the author of over 350 academic publications.

### Emma Smith

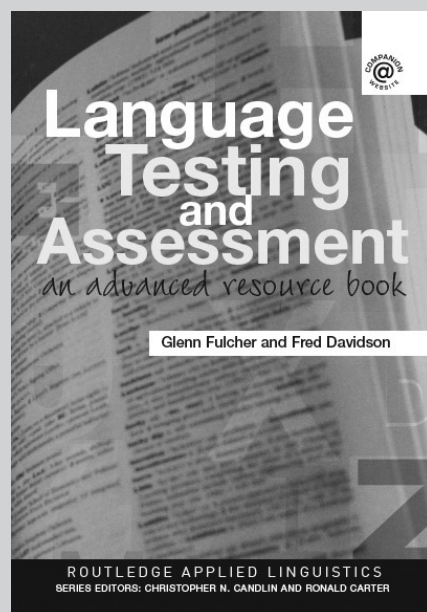
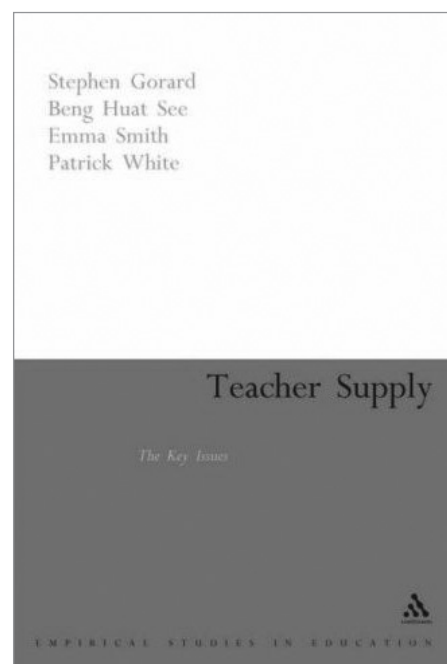
Dr Emma Smith is Lecturer in Educational Studies at York University, UK. She is already an authority on underachievement in the UK, having presented her findings to the House of Commons Education Select Committee on pupil achievement.

### Patrick White

Dr Patrick White is in the Department of Sociology at the University of Leicester.

### Dr Beng Haut See

Dr Beng Haut See is in the Department of Educational Studies at York University.



## Language Testing and Assessment An Advanced Resource Book

Authors: Glenn Fulcher, Fred Davidson; Publisher: Routledge; ISBN: 0415339464; Price: £18.99

► Routledge Applied Linguistics is a series of comprehensive resource books, providing students and researchers with the support they need for advanced study in the core areas of English language and Applied Linguistics.

Each book in the series guides readers through three main sections, enabling them to explore and develop major themes within the discipline.

- Section A, Introduction, establishes the key terms and concepts and extends readers techniques of analysis through practical application.
- Section B, Extension, brings together influential articles, sets them in context and discusses their contribution to the field.
- Section C, Exploration, builds on knowledge gained in the first two sections, setting thoughtful tasks around further illustrative material. This enables readers to engage more actively with the subject matter and encourages them to develop their own research responses.

Throughout the book, topics are revisited, extended, interwoven and deconstructed, with the reader's understanding strengthened by tasks and follow-up questions.

Language Testing and Assessment:

- provides an innovative and thorough review of a wide variety of issues from practical details of

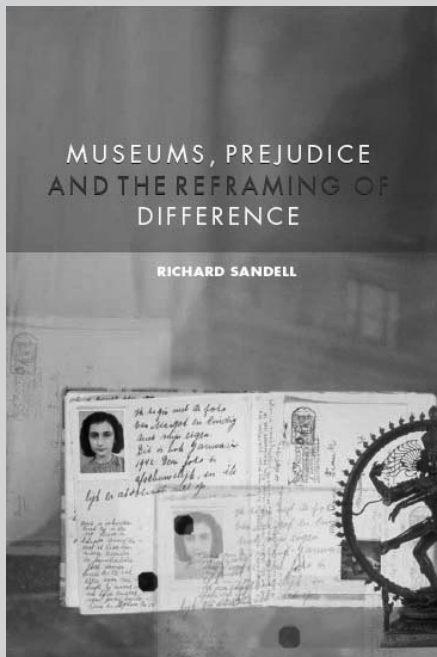
test development to matters of controversy and ethical practice

- investigates the importance of the philosophy of pragmatism in assessment, and coins the term effect-driven testing
- explores test development, data analysis, validity and their relation to test effects
- illustrates its thematic breadth in a series of exercises and tasks, such as analysis of test results, study of test revision and change, design of arguments for test validation and exploration of influences on test creation
- presents influential and seminal readings in testing and assessment by names such as Michael Canale and Merrill Swain, Michael Kane, Alan Davies, Lee Cronbach and Paul Meehl and Pamela Moss.

Written by experienced teachers and researchers in the field, Language Testing and Assessment is an essential resource for students and researchers of Applied Linguistics.

Glenn Fulcher is Senior Lecturer in the School of Education at the University of Leicester, UK.

Fred Davidson is Associate Professor in the Division of English as an International Language at the University of Illinois at Urbana-Champaign, USA.



## Museums, Prejudice and the Reframing of Difference

► How, if at all, do museums shape the ways in which society understands difference?

"This fascinating, groundbreaking book draws on a wide range of disciplines to reveal how museums - amongst modern society's most trusted cultural institutions - can help foster intercultural respect and contribute to building a more just society...Theoretically sophisticated and at the same time very readable, the book is a major contribution to discussions of what museums are for. However its real importance is wider even than this. It presents what is in effect a new theory of museum visiting, a theory which gets closer than any other I know to describing what the experience of visiting museums is really like."

- Mark O'Neil, Glasgow Museums

"What difference do museums really make? Can and should they try to alter the way that audiences perceive social and cultural difference? These are some of the most difficult and hotly debated questions in the museum world. In this thought-provoking new book, Richard Sandell provides an original analysis and some of the first in-depth empirical evidence to move the discussion on to a new level. It should be essential reading for anybody concerned with the power and potential of museums today, and in the future."

- Sharon Macdonald, Professor of Social Anthropology, University of Manchester

"Museums, Prejudice and the Reframing of Difference is a remarkable work that should be carefully read not only by museum professionals, but scholars in the fields of sociology, communications, cultural policy, education. Sandell attempts to respond to the vital question so well formulated by the late Stephen Weil, for many years at the Smithsonian Institution: "What kinds of positive changes can museums really effect in the world beyond their doors?"

- Ver L. Zolberg, Professor of Sociology, University of Chicago

In recent decades there has been growing international interest amongst practitioners, academics and policy makers, in the role that museums might play in confronting prejudice and promoting human rights and cross-cultural understanding. Museums in many parts of the world are increasingly concerned to construct exhibitions which represent, in more equitable ways, the culturally pluralist societies, within which they operate. Accommodating and engaging with differences on the basis of gender, race, ethnicity, class, religion, disability, sexuality and so on. Despite the ubiquity of these trends, there is nevertheless limited understanding of the social effects, and attendant political consequences, of these purposive representational strategies.

Richard Sandell combines interdisciplinary theoretical perspectives with in-depth empirical investigations to address a number of timely questions. How do audiences engage with and respond to exhibitions designed to contest, subvert and reconfigure prejudiced conceptions of different social groups? To what extent can museums be understood to shape, not simply reflect, normative understandings of difference, acceptability and tolerance? What are the challenges for museums which attempt to engage audiences in debating morally charged and contested contemporary social issues and how might these be addressed? Sandell argues that museums frame, inform and enable the conversations which audiences and society more broadly, have about difference and highlights the moral and political challenges, opportunities and responsibilities which accompany these constitutive qualities.

Richard Sandell is Deputy Head of the Department of Museum Studies at the University of Leicester. His research interests focus on the evolving social purposes, roles and agency of museums. His recent publications include 'Museums, Society, and Inequality' (2002).



## Not Just a Game - sporting poems

Editors: Andy Croft and Sue Dymoke; Publisher: Five Leaves; ISBN: 1905512139; Price: £9.99

► From the first length to the final frame, the egg and spoon race to the Cup Final, from Jack Hobbs to Brian Clough, from Centre Court to the Great North Run, *Not Just a Game* captures the tension and the laughter, the pain and the pleasure, and the blood, sweat and tears.

As Jane Austen put it in *Pride and Prejudice*, For what do we live but to make sport?

*Not Just a Game* is a unique archive of modern British sporting life angling, boxing, canoeing, cricket, darts, golf, motorcycling, netball, polo, rugby, rowing, running, skating, snooker, swimming and tennis as recorded by just under 100 poets including Wendy Cope, Seamus Heaney, John Betjeman, Tony Harrison, PG Wodehouse, Ted Hughes, Andrew Motion, Douglas Dunn, Philip

Larkin, Roger McGough. and John Arlott. Foreword by Ian McMillan

It's not just a book for sports fans.

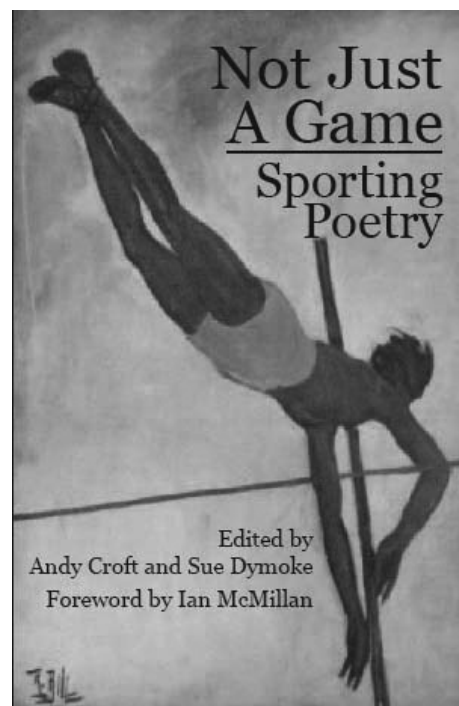
It's not just a book for poetry lovers.

It's not just a game.

Andy Croft has published six books of poetry, and thirty-six books for teenagers, mostly about football. He was once Poet-in-Residence on the Great North Run. He lives in Middlesbrough.

Sue Dymoke's books include *The New Girls* (her first full poetry collection) and *Drafting and Assessing Poetry*. She lectures in education at the University of Leicester and lives in Nottingham.

*Not Just a Game* is an accessible book for all sports fans, and poetry readers.




Institute of Lifelong Learning  
**Vaughan Papers**

---

PAPER  
**42** **After Hubris, Nemesis:  
Why flag carriers fail**  
By Simon A. Bennett

---

Series Editor: Simon A. Bennett



## Study Investigates Why Air Carriers Fail

► The University of Leicester has published an investigation into the state of the aviation industry's flag carriers.

In *After Hubris, Nemesis*, Dr Simon Bennett, of the Institute of Lifelong Learning, discusses why these important businesses fail.

He says:

"Flag-carriers still dominate the air transport industry chiefly because they enjoy the support of paternalistic governments determined to maintain an airborne totem. Given flag-carriers economic and political impact society needs to understand why they fail.

"Using Pauchant and Mitroff's theory of the self-inflated corporation *After Hubris, Nemesis* investigates the collapse of Pan Am, Swissair and Sabena. *After Hubris, Nemesis* offers an explanation of why Swissair and Sabena were unable to survive the economic fallout from September 11th, and Pan Am the reputational damage that followed Lockerbie.

"*After Hubris, Nemesis* is relevant to the leaders of every type of industry and to employees organisations, civil servants, academics, students and journalists. Its 25,000 words are divided into eight concise, fully referenced chapters. A Management Summary pulls everything together."

The Vaughan Papers series aims 'To promote and disseminate the Institute of Lifelong Learning's research, with the aim of encouraging constructive debate on topics of concern to society, and to make academic research, ideas and insights accessible to adult learners and society at large.'

The book costs £10 (postage and packing included). More information and order forms are available on our website.

Note to newsdesk:

To discuss the book's findings please contact the author, Dr Simon Bennett, [sab22@le.ac.uk](mailto:sab22@le.ac.uk)



# Assessing Research Assessment in English, by Martin Dodsworth

Author: Martin Dodsworth; Publisher: University of Leicester Print; ISBN: 0-900232-26-9; Price: £6.00

▶ Martin Dodsworth, who has served three times on the English panel of the RAE, writes a personal account of research assessment in English as he has seen it, together with some observations on the 2008 Exercise and on the future of research assessment.

In 2008 there will once again be a Research Assessment Exercise, eight years after its predecessor. Preparation for the RAE is stressful in the extreme, and it is the cause of much unrest in departments as they attempt to boost their grades by the recruitment of supposed superstars and by the offer of enforced sabbatical leave or early

retirement (sometimes both) to those who are deemed underproductive. So we must be grateful that there has been a pause since the last one - time for a little stability and, it should be hoped, reflection before the next great onslaught.

Colleagues in English departments might like to reflect on their good fortune. The RAE affects different subjects differently, one reason being that some (notably the sciences with their heavy laboratory costs) are funded much more generously per capita than others. For some (the sciences again), continuity of research can be a large problem; if a project overruns the period

between RAEs it can risk serious loss of funding. English, which receives minimum funding for research, might seem to be in a position not to have to worry greatly about the RAE just because its research is relatively cheap. There are irritating hoops through which to jump if you want money for research in English, and it is possible to fail in jumping through the right ones, but by and large money is not a problem, and neither is continuity. So why do people in English get into such a lather about the Research Assessment Exercise?



# Leicester Researcher Chairs Women in Physics Group

▶ Dr Gillian Butcher, a Postdoctoral Researcher from the Department of Physics and Astronomy, has been appointed chair of the Women in Physics Group.

The Women in Physics Group is one of the Professional Groups of the Institute of Physics (IoP) which encourages and promotes women physicists.

The activities of the group include organising personal development workshops around the country, sending out an annual newsletter to members, holding meetings with speakers on topics such as physicists in the media and maintaining a many to many email network. In the last year they have organised events specifically for students, including a careers event in London and financing women within university physics departments to meet over coffee and cake. The Group hopes to continue and expand the student activities, with the assistance of

student reps on the committee. The Group has strong links with other groups such as MentorSET and the Women's Engineering Society (WES) and also in Europe, as a member of the newly formed European Platform of Women Scientists (EPWS). The group has sent UK representatives to the IUPAP (International Union of Pure and Applied Physics) International Conference on Women in Physics, held in Paris (2002) and Rio de Janeiro (2005), and hope to participate in the 2008 conference in China. Past conferences have resulted in the publication of reports on the state of women in physics and progress in the UK.

The group works closely with the Diversity Committee of the IoP, being involved with projects such as site visits to university physics departments around the country and also with the Education committee, launching a website resource for physicists to go into primary schools.

The Women in Physics Group has recently launched an Early Career Young Women in Physics Prize, worth £1000 and funded by the HSBC Education Trust.

One of the future challenges for the committee will be to ensure that activities and resources are provided for women physicists in industry. With the addition to the committee of an industry rep we will be looking at ways we can support this particular group.

Dr Butcher said "All the members of

the committee are actively involved, so my role as chair will be to assist in co-ordinating, enabling, progressing all these activities."

She added "I feel very honoured to be elected as chair, if a little apprehensive about maintaining the groups success. These are busy and exciting times for the group so with the support of the committee I'm really looking forward to my term of office." 🗨️

## An Apology

▶ In the last edition of Bulletin we incorrectly reported that Colin Ockleford had retired. Colin has in fact left the University of Leicester to become the Foundation Professor of Anatomy and Director of a new £1.6 Million Clinical Anatomy Learning Centre in the Centre for Medical Education at Lancaster University. He is one of the first 3 appointments made at a new Medical School delivering the Liverpool University Medical School Curriculum.

Once again we apologise for this error.



## Obituaries

We have learnt with regret of the death of the following people;

### ► Chris Anderson

Leicester graduate Chris Anderson died on 8th September 2006 following a long battle with cancer.

### ► Ray Bolam

Ray Bolam aged 68 was a visiting professor at the Centre for Educational Leadership and Management at the University of Leicester.

### ► Dr Violet Bruce

Dr Bruce was awarded an M Ed. Education in 1963 and PhD Education 1968 by the University of Leicester. Her funeral took place on Wednesday 12th December.

### ► Rev Professor John McManners

Rev Professor John McManners was a Professor of History at the University of Leicester 1967-1972, before being appointed to the Regius Chair of Ecclesiastical History in Oxford by the Queen.

### ► Clive Perry

Clive Perry has died aged 70. Clive was awarded an honorary Master of Arts degree in 1967.

### ► Mrs Rosemary Luke (née Poole)

Rosemary Luke joined the University in November 1992 as a Senior Clerk in the Department of Pathology. In October 1995 she was promoted to the post of Principal Clerk in the Department of Adult Education. She transferred to the Division of Chemical

Pathology in January 1997 and was promoted to a Chief Clerk post in the Division (which became the Department of Clinical Biochemistry in January 2002). Following restructuring within the Medical School in August 2003 Rosemary was assigned to the Department of Cancer Studies and Molecular Medicine. She left the University in January 2006.

## Events



## Jazz in the Piazza

► 25th January 2007 - Mike Branney Trio

Tickets on sale now only £5  
Doors open 6.30pm, Music from 7.45pm

Tickets only £5.00 available in advance from Cafe Piazza or on the door.  
Hot and Cold food and full bar available.

Free parking on campus

Charles Wilson Building  
Entrance 2 University Road  
Leicester

## Sense and Sensuality - Art Show with an Extra Dimension

► Leicester is only venue outside London for art show with an extra dimension  
Monday 4 December 2006 - Friday 26 January 2007

Free admission.

The Richard Attenborough Centre at the University of Leicester is to be the only venue outside London where people can experience an art exhibition with an extra dimension.

During December 2006 and January 2007, the Centre will host Sense and Sensuality 2006, which attracted record audiences to the capital's Bankside Gallery where it was launched in the autumn.

The exhibition features a selection of winning entries from a national competition with a difference. Applicants - some of whom are visually impaired, others fully sighted - were asked to create art that was specifically suited to a visually impaired audience.

The Richard Attenborough Centre, University of Leicester, Lancaster Road, Leicester LE1 7HA

Opening times: 10am-4.30pm Monday-Thursday and 10am-3pm on Fridays.

For Saturday opening times please phone Leicester (0116) 252 2455 in advance. The Centre closes over the festive season on Saturday 23 December, reopening on Wednesday 3 January

## Professorial Inaugural Lectures

► Professor John Schwabe

Professor of Structural Biology

'The molecular functioning of Nuclear Receptors: a major class of drug targets'

23/01/2007

► Professor Walter Dehnen

Professor of Theoretic Astrophysics

'Dark Matter'

30/01/2007

► Professor Huw Bowen

Professor of Imperial and Maritime History

'Universal Models or Local Patterns? What did GIScience ever do for us?'

27/02/2007

## Bone Density Clinic for Staff

► The Staff Well Being Service has organised two days of bone density screening on Wednesday 24th January 2007 and Thursday 25th of January 2007.

Osteoporosis literally means 'Porous Bones'. It occurs when the rate of bone renewal does not match the rate of breakdown, eventually resulting in weak, brittle bones. Sufferers generally do not realise they have the condition until they break a bone, by which time it is too late for them to have the most effective treatment.

The University's Staff Well Being Service will be hosting two days of bone density screening. We are pleased to offer you this test at the reduced rate of £20 (normal prices range from £37.50 to £50. Payments will be made on the day by cash or cheque only.

If you would like to book a test please contact Claire Bailey on 9 2212461. The appointment will take 10 – 15 minutes and results and advice are given immediately.



# ULeap

University of Leicester  
Environment Action  
Programme

## Protecting Our Future

### Saving Energy and the Environment

#### 10 steps to protect our future

1. Switch off your light when leaving your room.
2. Report under-heating and avoid use of electric heaters.
3. If your room is too hot, turn off heating before opening windows.
4. Ensure laboratory equipment is not left running unnecessarily.
5. Ensure your monitor and disk drive power-down when inactive. Contact your Departmental Computer Advisor for help.
6. Press the power save button on the photocopier when you finish using it.
7. Switch off printers at the end of the day – consider time switches for shared printers.
8. 'Purchase efficiently' (buy wisely) take into account the equipment's use of energy and use and lifecycle costing.
9. Don't let heating fight cooling – report faults.
10. Take action – a small contribution by each member of staff will result in a significant reduction in our energy use and environmental impact.



University of  
Leicester