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Meeting of the Academic Board

2.00 - 4.00 pm on Wednesday, 22 February 2017
in 1B27 - Technopark, SE1 6LN

Agenda

No.	Item	Pages	Presenter
17.	Research Structure and Environment presentation	3 - 28	GJ, GM

Date of next meeting
2.00 pm on Wednesday, 7 June 2017

Members: Pat Bailey (Chair), Temi Ahmadu, Sodiq Akinbade, Stephen Barber, Craig Barker, Janet Bohrer, Charles Egbu, Paul Ivey, Gurpreet Jagpal, Janet Jones, Mike Molan, Jenny Owen, Shushma Patel, Lesley Roberts, Tony Roberts, Warren Turner and Shân Wareing

Apologies: Kirsteen Coupar, David Mba and Michael Broadway

In attendance: Sally Skillett-Moore, Joe Kelly, Graeme Maidment and Saranne Weller

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The LSBU Research Environment

Gupreet Jagpal and Graeme Maidment

Research, Enterprise and Innovation

on behalf of the Research Environment Team

Karl Smith and Sarah Plant

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Background

Compared to Competitors
- Low research environment score.
- Less active academics
- 104/650 FTE - REF2014
- PGR volume low

REF as measure of research activity/ quality

Compared to competitors
- Good REF2014 & RAE2008 GPA
- 3*/4* impact

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What's a research environment?

Evidence

REF Research Environment requires evidence of vitality and sustainability in respect of

- research strategy
- people (staffing strategy and staff development;
- and research students)
- income, infrastructure and facilities
- collaboration and contribution to the discipline or research base

RESEARCH
COUNCILS UK

What are we doing?

EPSRC definitions	What are LSBU doing?
Research strategy	• LSBU Research strategy
People (staff and strategy staff development; research students)	• Researcher journey • The London Doctoral Academy • Events and marketing • Professoriate • Sabbaticals
Income, infrastructure & facilities	• Funding, grants and awards • Processes – Research handbook • Organisation – groups, centres and RE Institutes • Events • AURA – Annual University Research Audit • Money and investment, pump priming,
Collaboration and contribution to the discipline of research base	• Bahrain/ BUE • TWI/ RICS/ CIBSE/ etc • Grand challenges universities group

The Annual University Research Audit (AURA)

Why AURA?

- Publicizing internally and externally
- Capturing Impact
- Preparing for REF2021 and REF2028
- Tracking and Measuring success

Our research community...

What is AURA?

Academics' on-line system, to record /self-assess:

- Quality research outputs
- Future research plans
- Measures of esteem
- Current research Projects
- Record current research students

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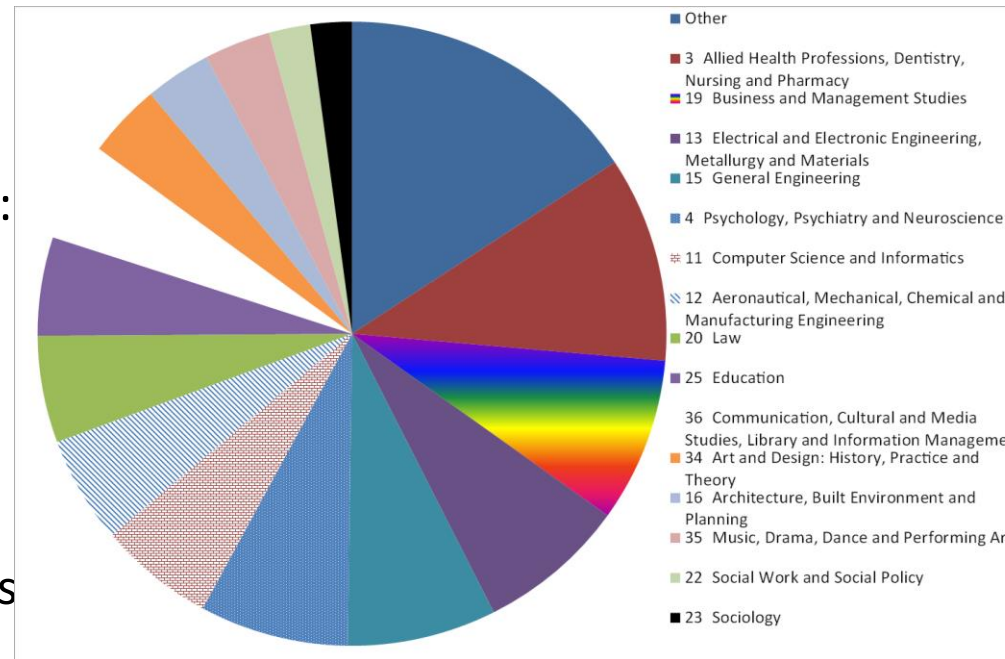
researchpubs.lsbu.ac.uk

SYMPLECTIC
Elements

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AURA Results: Headline figures

- **243** AURA completions

- **194** research active

- **44** not research active but want to be

- **Allied Health** Most popular Discipline:

- **338** Research outputs in period:

- **131** reporting ≥ 1 research output:

- No. planned outputs: **665**

- **192** researchers plan research outputs between 1st Sept 2016 and 31st Dec 2019

- **1003**: total no. published/ planned outputs

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Legend:
- Other
- 3 Allied Health Professions, Dentistry, Nursing and Pharmacy
- 19 Business and Management Studies
- 13 Electrical and Electronic Engineering, Metallurgy and Materials
- 15 General Engineering
- 4 Psychology, Psychiatry and Neuroscience
- 11 Computer Science and Informatics
- 12 Aeronautical, Mechanical, Chemical and Manufacturing Engineering
- 20 Law
- 25 Education
- 36 Communication, Cultural and Media Studies, Library and Information Management
- 34 Art and Design: History, Practice and Theory
- 16 Architecture, Built Environment and Planning
- 35 Music, Drama, Dance and Performing Arts
- 22 Social Work and Social Policy
- 23 Sociology

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Organisation into Centres, Groups and Institutes

- Consistency

- Provide external facing profile

- Prepare for REF2021

- Encourage teamwork

- Support the development of researchers

- Strategic & fair investment of QR income – Business £0 2008-14

- QR accountability

- Grand challenges opportunities

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- Advanced Materials
- Big Data and Informatics
- Biomedical and Communications
- Chemical and Process Engineering
- Electronic and Functional Materials
- Energy Engineering
- Energy and the Environment
- Engineering Asset Management
- Environmental and Energy Engineering
- Explosions and Fire
- Geo-Environmental Engineering
- Green Process Engineering
- Health, Acoustics and Communication Engineering
- Information Systems & Management
- Intelligent Monitoring and Asset Management
- Machine Condition Motoring
- Materials Engineering
- Materials and Sustainability
- Mechatronics, Robotics and Non-Destructive Testing
- Photovoltaics workshop - Egypt
- Robotics
- Rotor Dynamics (Mechanical Engineering)
- Smart Internet Technologies (SuITE)
- Surface Engineering & Structural Materials
- Transport Engineering and Planning
- Water and Air Quality

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Research Centres and Groups – in confidence

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	ACI	APS	BUS	HSC	LSS
Centres	Digital Storymaking	Addictive Behaviours	Entrepreneurship, Business and Management	Collaborative Research for Health and Wellbeing	Weeks Centre for Social and Policy Research
	Study of the Networked Image	Sport and Exercise Science			
Groups	Digital Performance	Developmental Cognition	Digital Economy	Mental Health and Intellectual Disability	Gender and Sexualities
	Games	Food, Nutrition and Health	Entrepreneurial Skills Development and Experiential Learning	Allied and Integrated Health	Crime and Justice Research Group
	Space, Place, Art, Culture, and Environment	Lived Experiences of Distress		Education and Professional Development in Practice	Critical autism /disability studies
	Practice-As-Research in Arts	Psychology and Pedagogy	Business Ethics and Corporate Social Responsibility	Children, Young People and Families Health and Wellbeing	Sustainability –Policy, Practice and Pedagogy
	Journalism Futures			Long Term Conditions and Ageing	Tourism and Social Justice
	Sonic(s)		Intercultural Management	End of Life Care	Space and Place
			Economic and Financial Modelling	Risk, resilience and expert decision making	Education and Social Justice
				Health Promotion	
				Women's Health	

Research Centres and Groups – in confidence

	BEA	ENG
Centres	Construction Management, Economics and Integrated Delivery	Advanced Materials
	Sustainable Engineering in the Built Environment	Big Data and Informatics
	Architecture and Digital Construction	Biomedical Engineering and Communications
		Energy and the Environment
		General Engineering
		Robotics
Groups	Refrigeration and Air-conditioning	Fire and Explosions
	Acoustics	Petroleum and Chemical Engineering

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Proposed

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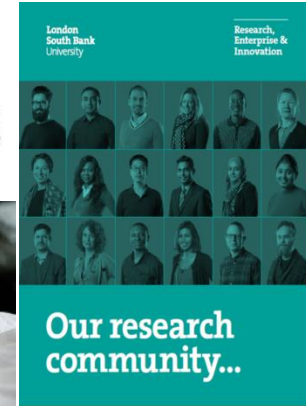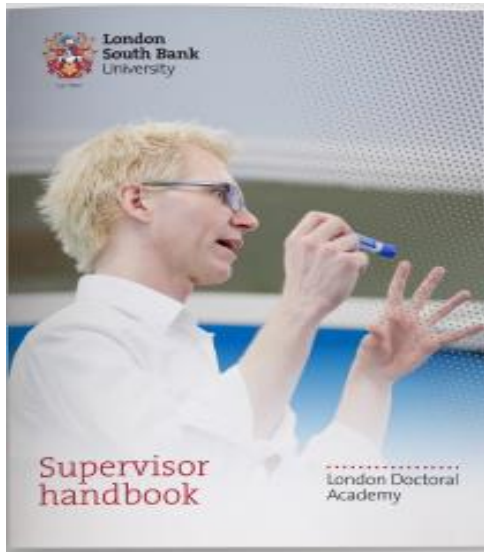
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The LDA Concept

- Real world research
- A research community
- Not just a doctoral degree
- A contemporary exciting image
- Efficient process systems and documents

London Doctoral Academy

Become what you want to be (leadership programme)

Our research community...

Supervisor handbook — London Doctoral Academy

Professor Linda Mulcahy
Director, PhD Academy

PhD Manager

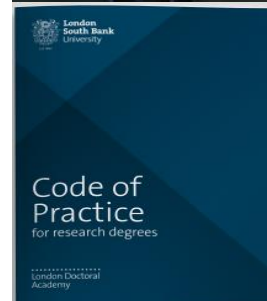**London South Bank University**

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Delivering the LDA

1. Develop a LDA concept and brand
2. A fully functional dedicated space including
3. LDA development lead recruited and a LDA recruitment/ promotion plan.
4. Identified/ developed a suite of courses/ initiatives for Sept 2017
5. A range of resources incl student /staff handbooks, induction pack and website
6. The PhD Manager system

London Doctoral Academy

Become what you want to be (leadership programme)

Code of Practice
for research degrees
London Doctoral Academy

Supervisor handbook
London Doctoral Academy

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Become what you want to be

An Active Professoriate

Who

- Comprise professors, Associate Professor
- Representation across Schools and the Senior team
- Chair to be nominated/proposed/elected?
- Secretariat required – possibly associated with the School of Origin?

What

- Influence and contribute to University Policies and Strategies
- Academic leadership, in research, scholarship, teaching and learning and enterprise
- Influence and contribute to the enhancement of Teaching and Research Environments: Scholarship, Learning and Teaching, Enterprise, Research Governance and Staff Development
- Wider outward facing/ ambassadorial role,
- Interacting with other Universities/external bodies & committees

Why

- Engagement with the Professorial Appointments/establishment of Inaugural Lectures/Public lectures?
- Expertise resource and university 'go-to' expertise?
- Reputation building for the University?
- Webpage/ Other media outlets requirement as a start?

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Professors at LSBU

School	Professor	Associate Professor	Visiting Professor/ Professorial Fellow	Emeritus Professor
Centre	2	1	-	-
ACI	5	3	1	-
APS	4	8	-	1
BEA	4	9	1	2
BUS	1	7	10	2
ENG	9	7	5	6
HSC	9	28	8	1
LSS	4	10	7	5
TOTAL	38	73	32	17

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The Professoriate Working Group

1) Working group of 5-10 LSBU Professors/Associate Profs/ Emeritus Profs to consider and make recommendations on the structure and remit of the Professoriate at LSBU

- Professor Peter Doyle, Research Environment Coordinator
- Hari Reehal - Engineering
- Craig Barker - LSS

  Professor Hillegonda Rietveld, Arts and Creative Industries

  Dr Katya Mileva, Associate Professor, Applied Science

  + 2-3 more – suggestions – all schools

2) Example Models:

- An academy with all Professors as members..
- A smaller group representing the larger Professoriate. This is the model embraced by Staffordshire University (http://blogs.staffs.ac.uk/staffsprofessoriate/meet-the-professors/) which is composed of eight professors and one emeritus professor.

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Questions?

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Research strategy

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Research, Enterprise & Innovation

Driving Research, Enterprise & Innovation

Strategic Plan 2015 – 2020

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Developing a strategy with Schools to

Build capacity and capability - "Research opportunity for all"

Exploiting our impact

Nuturing excellence

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People (staff & strategy, staff development; research students)

	First stage Researcher	Recognised Researcher	Established Researcher	Leading Researcher
Definition	Wants to start research,	Has some publications, PhD co-supervisor. Wants to apply for funding and direct PhD supervision	Has publications, PhD completions & grant success with impact. Wants to grow a team	Leads a team, with critical mass with impact. Wants to sustain the team and help others develop.
Potential development initiatives	REI induction Mentoring Skills audit and developing a research pathway Training and support Set up a research profile Set up ResearchConnect Research Buddy Timetabled allowance Exposure to the peer review process.	Mentoring Training and support Research Buddy Timetabled allowance Sabbaticals Scholarships Membership of committees Peer review of proposals Joining research networks National and international collaborations	Mentoring Training and support Research Buddy Timetabled allowance Sabbaticals Scholarships Membership of committees Peer review of proposals Media engagement activities Taking on a research intern Joining research networks National and International collaborations	Professoriate Training and support Timetable allowance Access to earned income for team. Mentoring of others Supporting others skills audit Chairing committees Peer review of proposals Review panel members Media engagement activities Taking on a research intern Developing research networks Leading national and international collaborations

Latent researchers?

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Defns from European Framework for Research Careers

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People (staff & strategy, staff development; research students)

The London Doctoral Academy

student chapter

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People (staff & strategy, staff development; research students)

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London South Bank University — Research, Enterprise & Innovation

RESEARCH EVENT CALENDAR

Save the date!

Click the 🔗 to book your place at an event.
Information will be released about the rest soon.

OCTOBER 2016

KEY SKILLS DEVELOPMENT
31st October - 10th November
Prof. Peter Doyle, REI, and Dr Michelle Stewart, HSC

NOVEMBER 2016

MANAGING YOUR RESEARCH DATA
2nd November, 12-1pm
Steve Grace and Ruth Macleod, LLR

UKRO VISIT TO LSBU
9th November
Gosia Czerwiec, UKRO European Advisor

INTRODUCTION TO GRANT WRITING
10th November, 12.30-1.45pm
Dr. Karl Smith, REI

RESEARCH AND ENTERPRISE FORUM: GLOBAL CHALLENGES
21st November, evening
Monica Ganan and Dr Karl Smith, REI

SUPERVISOR TRAINING AT LSBU
22nd November, 12.30-2pm

INTRO TO RESEARCH AT LSBU
24th November, 10am-2pm

RESEARCH AND ENTERPRISE FORUM: HEALTHY AGEING
24th November, evening
Natalie Gough and Dr. Karl Smith, REI

GRANT WRITING FOR SUCCESS
30th November, 12.15-2pm
Dr. Karl Smith, REI

DECEMBER 2016

WRITING A REFABLE PUBLICATION
8th December
Prof. Peter Doyle and Dr. Karl Smith, REI

INTRODUCTION TO IMPACT
14th December, 12.30-1.45pm
Dr. Karl Smith, REI

JANUARY 2017+

BRITISH ACADEMY VISIT TO LSBU
18th January

WRITING A DATA MANAGEMENT PLAN
29th November, 2-4pm
Steve Grace and Ruth Macleod, LLR

THE SUPERVISOR : STUDENT RELATIONSHIP
13th December, 12.30-2pm
Prof. Peter Doyle, REI

JAPAN SOCIETY FOR THE PROMOTION OF SCIENCE

New staff induction

Our research community...

Income, infrastructure & facilities

Research awards – done well but it will be increasing competitive.

1. increase the number of staff submitting bids;
2. increase the pipeline of research bids;
3. improve the quality of bids

Compared to last year 300% Funding 450% bids

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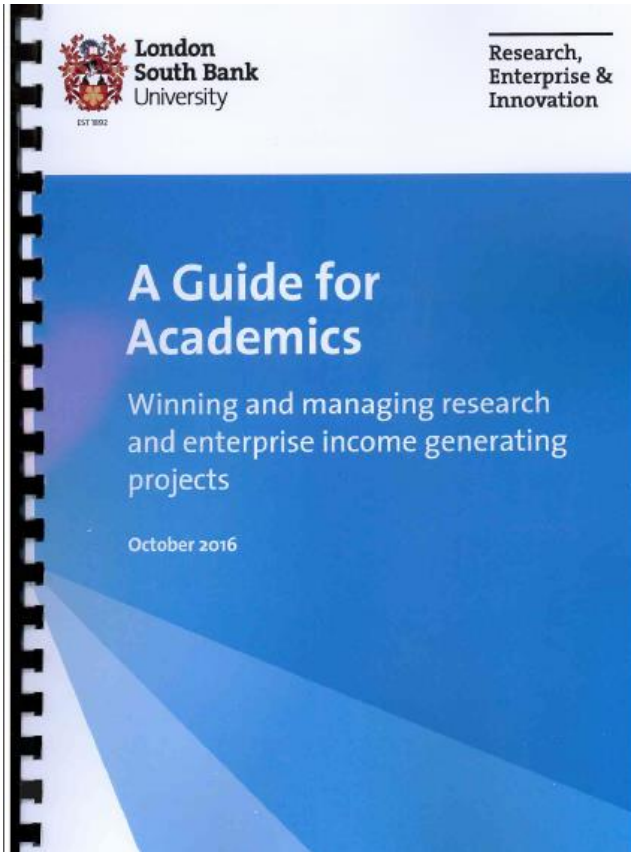**London South Bank** University

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Income, infrastructure & facilities

Dedicated support from REI for each school for:

- Research Grants
- Doctoral students

Plus

- Research award support
- REF coordinator and impact manager
- Scholarly Communications & Repository Manager

Research Handbook
Supervisor's Handbook
Student Handbook

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Income, infrastructure & facilities

Research Groups

small group of researchers within the same school working in an emerging or established area.
Output – authority to teach, research for everyone, anti-elitism

Research Centres

- Critical mass of researchers from the same school working in clear thematic area.
- REF ready with quality publications, grants, impact case studies, PhD cohort.
- Headed by a Professor/ Associate Professor,
- Clear strategy including funding and publications plan.
- A supporting research environment including mentoring scheme /peer review.

Output – critical mass, alignment of PGR, output quality and volume

Research and Enterprise Institutes -

- Researchers across LSBU working collectively on multidisciplinary Grand Challenges.
  'Shop-window' for R&E promoting externally,
- Driving commercial income.
- Supported by an Academic Lead and a Business Development Manager.

Output – impact, linkages with other HEIs, anchor institution, international partnerships

Health and Wellbeing   Sustainable Communities

Creative and Digital Economy   Global Challenges

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Collaboration and contribution to the discipline of research base

=

REF2014
Research Excellence Framework

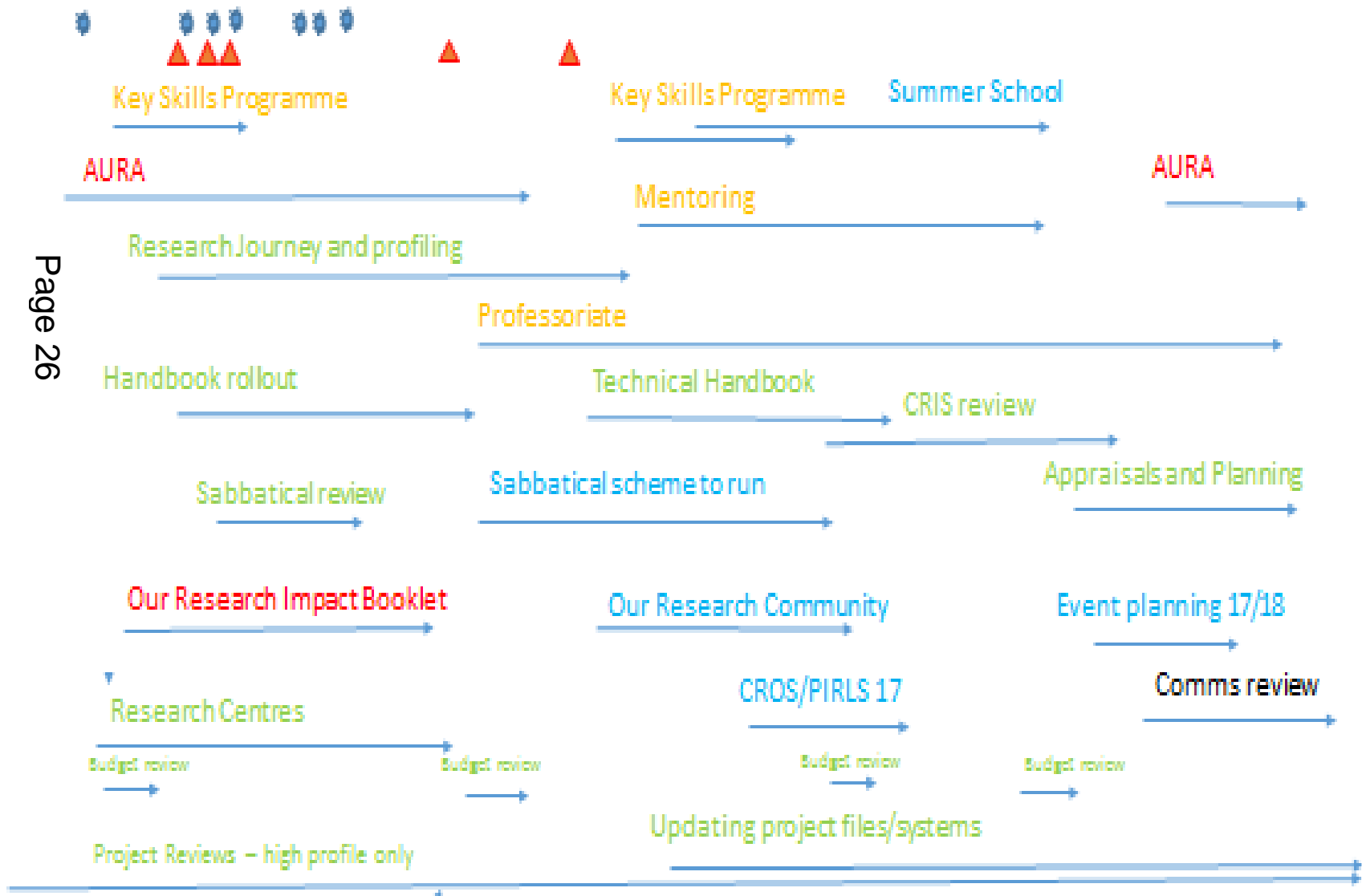Being all you want to be

Our research environment timeline

October – November – December – January – February – March – April – May – June – July – August – September –

Key Skills Programme

Key Skills Programme

Summer School

AURA

AURA

Mentoring

Research Journey and profiling

Professoriate

Handbook rollout

Technical Handbook

CRIS review

Appraisals and Planning

Sabbatical review

Sabbatical scheme to run

Our Research Impact Booklet

Our Research Community

Event planning 17/18

Research Centres

CROS/PIRLS 17

Comms review

Budget review

Budget review

Budget review

Budget review

Updating project files/systems

Project Reviews – high profile only

REF2014: LSBU's UoAs and our performance

UoA	FTE	Research Outputs GPA	Impact GPA	Environment GPA	Overall GPA	London Moderns ranking
3 - Health	14.6	2.7	3.0	2.0	2.67	7/10
4 - Psychology, Psychiatry and Neuroscience	9.8	2.26	2.6	1.75	2.25	7/7
15 - General Engineering	33.5	2.61	2.9	2.1	2.59	1/4
19 - Business and Management Studies	9.25	1.57	2.6	1.88	1.83	8/8
22 - Social Work and Social Policy	14.9	2.71	2.5	2.75	2.67	2/4
26 - Sport and Exercise Sciences, Leisure and Tourism	9.4	2.77	3.3	2.75	2.87	1/1
36 - Communication, Cultural and Media Studies, Library and Information Management	10.2	2.28	2.8	2.5	2.42	5/7

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