

ePortfolios: latest developments and
discussion of using ePortfolios to
support assessment and appraisal.

Simon Cotterill
School of Medical Education Development

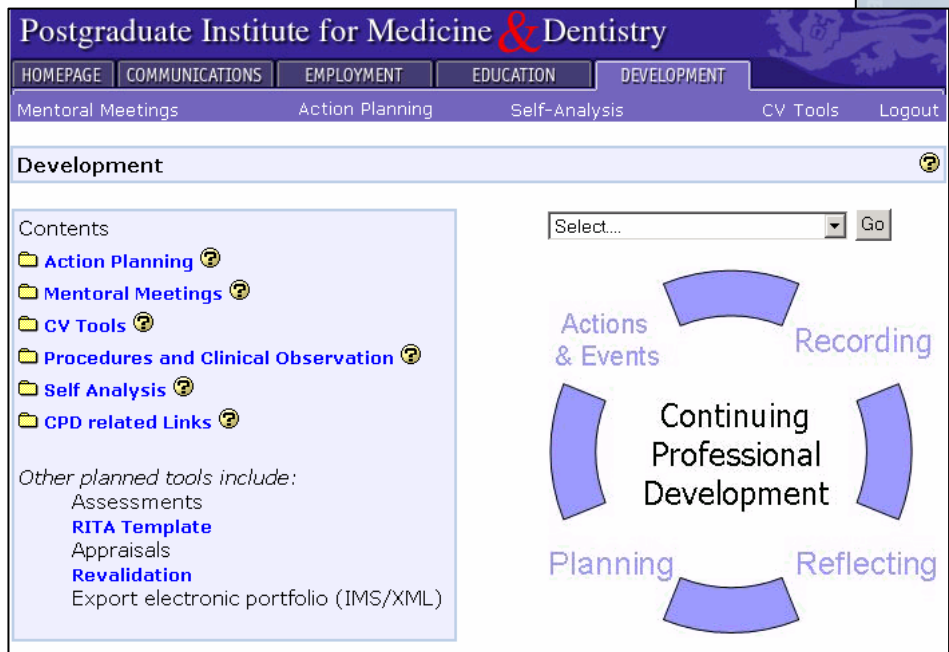
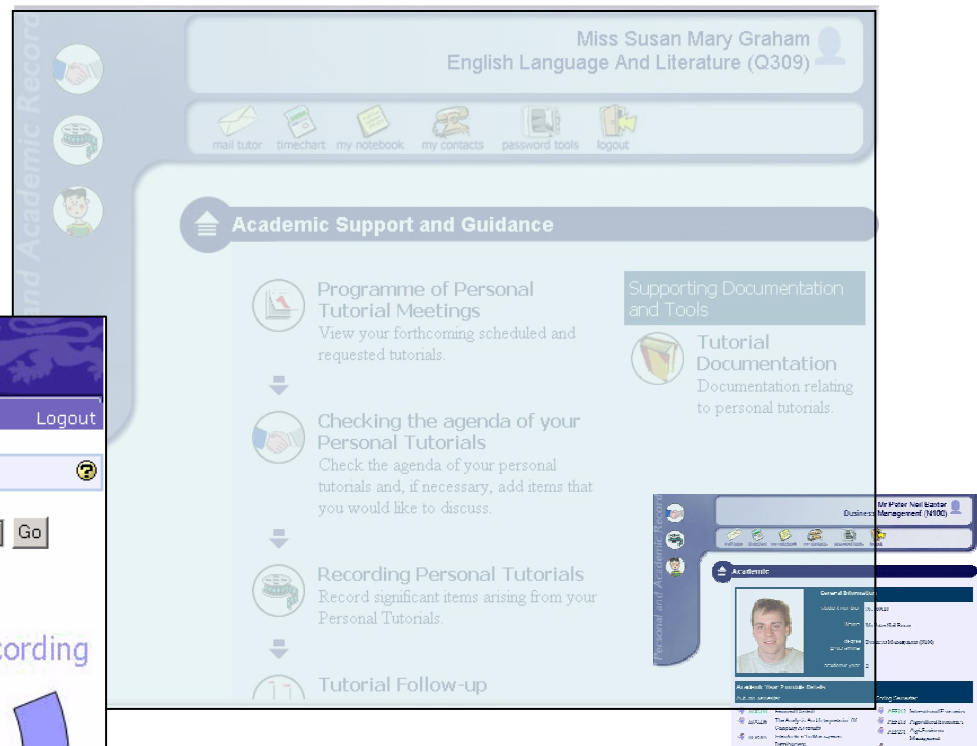
- ePortfolios for Postgraduate Researchers
- Training administration and booking systems
- Systems to support Annual Progression

SST (Student Support & Tutoring)
↓

Internet-PARs

- 2 DfES funded projects
- PDP focus

1st Newcastle-Nottingham PARs project, 1998-2000



2nd Newcastle-Nottingham PARs project
2000-02

Managed Environments for Portfolio-based Reflective Learning. Integrated Support for Evidencing Outcomes.

- *An FDTL-4 project (2002-5):*

- Newcastle University (lead site)
- Leeds University
- Sheffield University
- St Andrews University
- Dundee University (for consultancy)

- *Developing Web based portfolios to support reflective approaches for evidencing the attainment of programme outcomes in undergraduate Medicine.*

The screenshot displays the MBBS Learning Support Environment web interface. The browser address bar shows the URL: <http://mbbs.ncl.ac.uk/portfolio/home?instance=1.stu>. The page title is "MBBS : Learning Support Environment". The navigation menu includes: Home, Course Materials, Portfolio, Assessment, Course Info, Base Units, Communications, and Links. The user is logged in as "carrot ironfoundsson".

The main content area is titled "Portfolio Home (Carrot Ironfoundsson)". It features a "Search Portfolios" section with a search box and a "More.." link. Below this is a "Browse" section with links to "Portfolio Home", "Learning Outcomes", "CV", "My Learning Diary", "Patient Visits", and "Meetings with Tutor".

On the right side, there are links for "Personal Details", "Portfolio Contents", and "Portfolio settings - including your Share List".

At the bottom, there is a "To Do List" table with the following data:

Tasks	Created	Target Date	Priority	Done
<input type="checkbox"/> Terminology: TASK / ACTION	August 3rd 2004	August 3rd 2004	Medium	✘
<input type="checkbox"/> Move DELETE to View pages	August 3rd 2004	August 3rd 2004	Medium	✘
<input type="checkbox"/> Copy SEARCH	August 2nd 2004	August 2nd 2004	Highest	✘

ePET portfolio and related projects

- **Building on 3 collaborative projects (FDTL-4 & DEFS)**
- **FDTL Transferability (ePortfolios @ St George's)**
- **Dental ePortfolios Consortium**
- **Postgraduate Researchers (University-wide, Newcastle)**
- **Now used at 12 institutions (approx 10,000 users)**

JISC Projects

- **ePortfolio Extensions Toolkit (ePET)**
- **EPICS Regional ePortfolio project (FE & HE):**
- **IAMSECT 'Shibboleth' single sign-on project**

Centre for Excellence in Healthcare Professional Education (CETL4HealthNE)

Examples of ePET Portfolios

Welcome Jane Bloggs

- My Placements
- Personal Clinical Goals
- Clinical Competency Framework
- My Cases (CBPS)
- Interprofessional Learning
- Dysphagia

Speech & Language

Programme-specific Pedagogy & outcomes

Generic tools

My Evidence Access: Download:

- Communication
- C&IT Skills
- Clinical Skills
- Ethics
- Critical Thinking
- Creativity and Resourcefulness
- Reflective and Accountable
- Manage one's own learning
- Team Working

Introduction
For each outcome listed you should attach evidence of progress/development and produce a *summary* & review your *summary* of e...
You are advised to update...
Include details of any add...

Medicine (supports appraisal)

Overview (use the 'tabs' above to view sections in detail):

- My Project**
includes Research Plan, Meetings with your Supervisor ...
- My Skills**
Record your achievements against core research skills
- Self-Assess/PDP**
Self-assessment and PDP, Project-specific Skills ...
- CV**
courses, conferences, presentations, publications ...

Postgraduate Research

Welcome Jane Bloggs

- Learning Outcomes
- CV
- My Learning Diary
- Meetings with your Personal Tutor
- My Folder
- Portfolio settings
- Search
- Community
- Data Transfer

EPICS - North East regional collaboration around e-portfolio progression pathways with illustrative studies

Part of the JISC Distributed e-Learning Programme.

Partners include: 5 HEIs

FE colleges (OWL network)

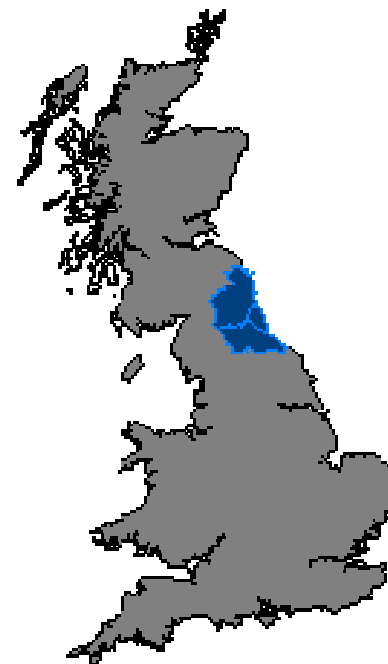
JISC Regional Centre

Case studies

-demonstrate feasibility / scalability

-supporting life-long learning

<http://www.epics.ac.uk>



- ePortfolio:
<http://www.eportfolios.ac.uk/>
- Roberts Review (2002):
http://www.hm-treasury.gov.uk/documents/enterprise_and_productivity/research_and_enterprise/ent_res_roberts.cfm
- Research Councils Joint Skills Statement (2002):
http://www.grad.ac.uk/gradschool/downloads/rdp_report/rdp_framework_g.pdf
- Quality Assurance Agency (QAA):
<http://www.qaa.ac.uk/>

- CV
- Self-Assess/PDP
- My Skills
- My Project
- Home

Postgraduate Portfolio

- Home
- My Project
- My Skills
- Self-Assess/PDP
- CV
- Useful Links
- Feedback

Welcome Ian Gillan



Overview (use the 'tabs' above to view sections in detail):

- My Project**
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Record your achievements against core research skills
- Self-Assess/PDP**
Self-assessment and PDP, Project-specific Skills ...
- CV**
courses, conferences, presentations, publications ...

- My Folder
- Settings
- Instructions (304k)
- Your Feedback

To-Do List

show top 5

Tasks	[Show Completed Tasks]	Created	Target Date	Priority	Done
Literature Review		19/01/2005	19/01/2005	Medium	

The electronic format includes the following features:

- **My project**; this section includes an Induction Checklist, Research Plan and Meetings with Supervisor.
- **My skills**; this section is for recording and reflecting on skills developed (JSS)
- **Self-assessment/ PDP**; this section is where students assess their skills and produce a plan for skills development and project specific skills
- **CV**; this section includes records of workshops/ conferences, presentations and publications.

Students can record; formal meetings with supervisors, research plans/ amendments and other communications.

- Induction Checklist
- Research Plan
- Meetings with Supervisor

Research plans and regular meetings help students develop clear research objectives and to plan and implement their research projects effectively.

UNIVERSITY OF NEWCASTLE UPON TYNE

Settings | Contents | Logout

CV | Self-Assess/PDP | My Skills | My Project | Home

Postgraduate Portfolio

- Home
- My Project**
- Induction Checklist
- Research Plan
- Meetings with Supervisors
- My Skills
- Self-Assess/PDP
- CV
- Useful Links
- Feedback

Research Plan Access: Download:

The purpose of this section is to help you develop clear research objectives in project planning/ implementation and in organising your time effectively. This form should be updated regularly.

Your Research Plans:

- Research Plan (Version: 26/01/2005)
- Research Plan (Version: 07/07/2005)

Create a New Plan

Attached Items:

Title	Type	Created
Book_Review.doc	File	26/09/2005
EifEL_Paper_2004_-_Cotterill_et_al.doc	File	26/09/2005

Add item:

Students map their skill achievements against the Research Councils Joint Skills Statement and reflect on progress.

- Research skills and techniques
- Research environment
- Research management
- Personal Effectiveness
- Communication
- Networking
- Teamworking
- Career Management

The screenshot shows the 'My Skills' page within the University of Newcastle Upon Tyne Postgraduate Portfolio. The page header includes the university logo and name, along with navigation links for 'Settings', 'Contents', and 'Logout'. Below the header, there are buttons for 'CV', 'Self-Assess/PDP', 'My Skills', 'My Project', and 'Home'. The main content area is titled 'Postgraduate Portfolio' and features a sidebar with a menu: Home, My Project, My Skills, Self-Assess/PDP, CV, Useful Links, and Feedback. The 'My Skills' section is highlighted with a red bullseye icon. Below this, there are 'Access' and 'Download' options. The 'Skills' section is expanded to show a list of categories under 'Research Skills and Techniques': Problem solving, Critical Thinking, Keeping up with advances in research, Understanding Methodologies, Analytical Skills, Monitoring Progress, Understanding the Research Environment, Research Management, Personal Effectiveness, Communication Skills, Networking and Team-working, and Career Management. A section titled 'Research Skills and Techniques' contains a text box with the instruction: 'Add claims of achievements and competencies related to this Skill. You can also cross-reference items from elsewhere in your portfolio to evidence these claims.'

Self-assessment/ PDP

Students rate their abilities mapped against the Research Councils Joint Skills Statement.

- Research skills and techniques
- Research environment
- Research management
- Personal Effectiveness
- Communication
- Networking
- Teamworking
- Career Management

The screenshot shows the 'Postgraduate Portfolio' interface for the University of Newcastle Upon Tyne. The main navigation menu includes Home, My Project, My Skills, Self-Assess/PDP (highlighted), CV, Useful Links, and Feedback. The 'Self-Assess/PDP' section is active, displaying a 'Self Assessment Skills Audit and Personal Development Plan' with a progress indicator at step 0 of 1. The assessment table below is partially filled out.

Research Skills and Techniques	Skill Level	PDP: describe how you are /intend to develop these skills
I am able to summarise, document, report and reflect on progress.	Informed	
I am able to critically analyse and evaluate my findings and those of others.	Informed	
I understand relevant research methodologies and techniques and their appropriate application within my research field.	Aware	book myself on the research methodologies course
I have a knowledge of recent	Unaware	

This section includes records of students workshops/conferences, presentations and publications etc.

- Personal Details
- Qualifications
- Work Experience
- Courses and Conferences Attended
- Hobbies and Interests
- Memberships of Organisations
- Presentations/ Teaching
- Awards, Prizes and Grants
- Publications
- Personal Statement
- Referees

The screenshot shows the 'My CV' page of a University of Newcastle Upon Tyne ePortfolio. The header includes the university logo and name, along with navigation links for 'Settings', 'Contents', and 'Logout'. Below the header is a navigation bar with buttons for 'CV', 'Self-Assess/PDP', 'My Skills', 'My Project', and 'Home'. The main content area is titled 'Postgraduate Portfolio' and features a sidebar menu on the left with options like 'Home', 'My Project', 'My Skills', 'Self-Assess/PDP', 'CV', 'CV Home', 'My Courses and Conferences', 'My Presentations / Teaching', 'My Publications', 'My Qualifications', 'My Work Experience', 'My Awards / Grants', 'My Memberships', 'My Hobbies', 'My Personal Details', 'My Personal Statement', 'My Referees', 'Useful Links', and 'Feedback'. The 'CV' section is highlighted. The main content area displays a 'myCV' icon, a 'CV' icon with a PDF download button, and a comment from 'fred blogs at 09/02/2005'. A 'Contents' section lists various portfolio elements: Personal Details, Qualifications, Work Experience (Your record of voluntary, vacation and other work experience), Courses and Conferences Attended, Hobbies and Interests, Membership of Organisations; Learned Societies etc., Presentations / Teaching, Awards, Prizes, and Grants (if applicable), Publications, Personal Statement, Referees, and Links about creating effective CVs.

Student input has been extremely valuable for development of the postgraduate ePortfolio.

- Focus groups
- Pilot study in Medical Sciences
- Student representatives
- Online feedback forms
- Seminars and workshops

What students most liked

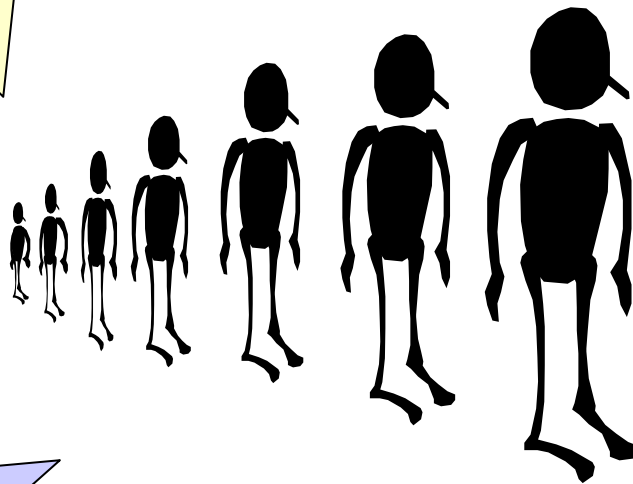
It organises all our inputs regarding the academic work we are involved in.

The CV tool is a very good idea.

It is useful to be aware of our skills and plan to fulfil what we need in the limited time of a PhD.

Can access anywhere there is an internet connection.

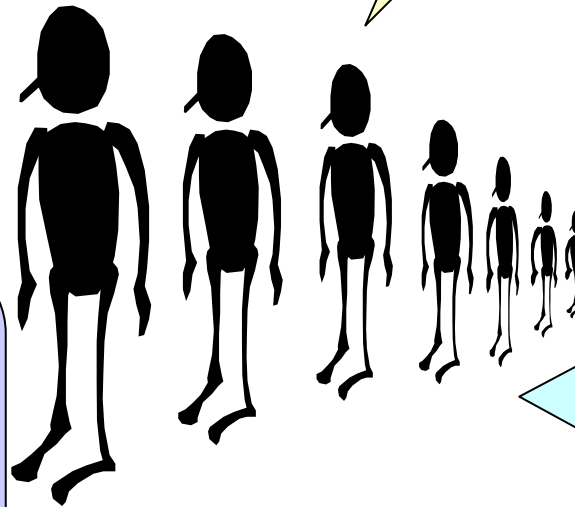
Interface is user-friendly and easy to use.



What students least liked

In PDP it is difficult to remember the definitions of skill levels.

Nothing.



I am not convinced that the self-evaluation is a good idea – in that it is very dependant on what standards we have for ourselves – this changes with time.

When I meet with my supervisors I produce an “agenda” beforehand and afterwards “minutes” of the meeting with action plans etc. This is more detailed than the template in PDP so it is not a great use of my time re-writing it.



Faculty of Medical Sciences - Graduate School

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[Calendar of Events](#)






Postgraduate Training Programme

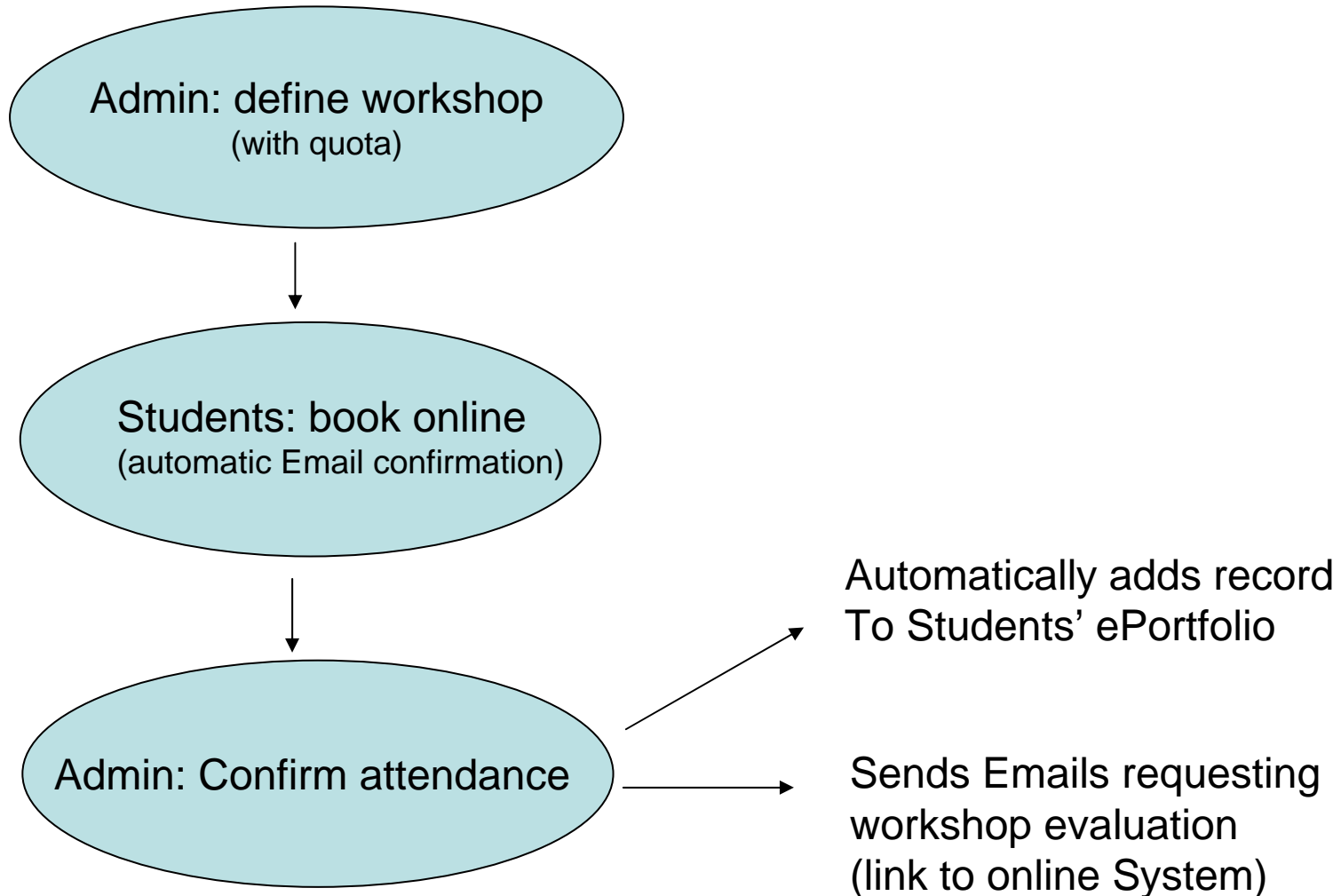
This page lists workshops available to Postgraduate Students in the Faculty of Medical Sciences. Contract Research Staff should use the [CRS training](#) site.

Details of our training can be found within the [2006/2007 Graduate School Research Student Training Programme](#).

Please contact Dr Richard Hetherington (e-mail:Richard.Hetherington@ncl.ac.uk or tel: x 3846) for enquiries, including **cancellations**.

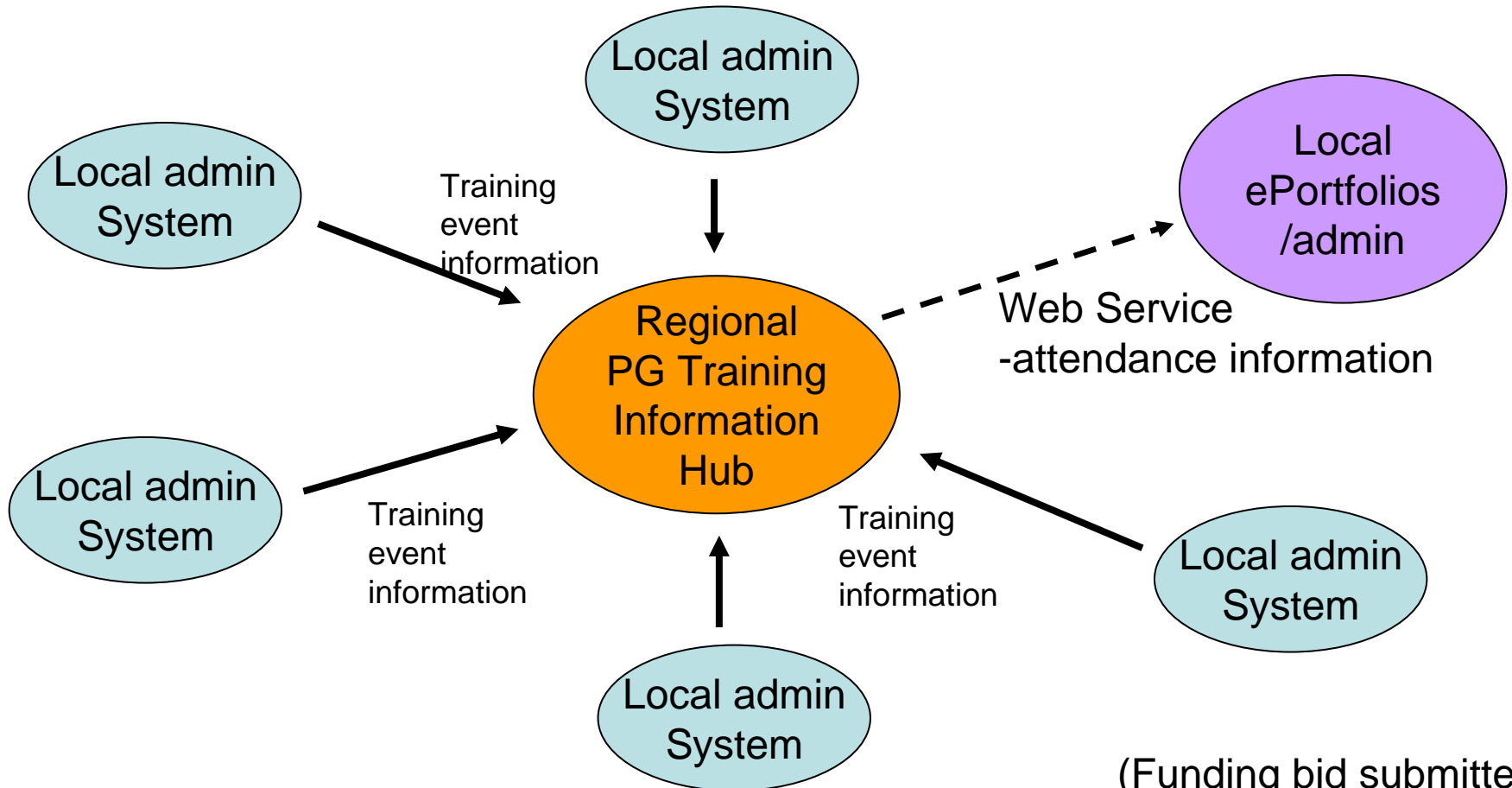
Forthcoming Workshops

 Statistical Support: one-to-one advice	Mon 25/06/2007 (12:30 to 17:00)	Fully Booked
 Statistical Support: one-to-one advice	Fri 06/07/2007 (10:00 to 14:30)	<input type="button" value="Book Now"/>
 Career Seminars for Bioscientists: 'Freelance Freedom while Staying in Science: a journey to Medical Writing.'	Wed 11/07/2007 (12:30 to 14:30)	<input type="button" value="Book Now"/>
 Statistical Support: one-to-one advice	Thu 12/07/2007 (12:30 to 17:00)	<input type="button" value="Book Now"/>
 Managing Longer Documents	Tue 17/07/2007	<input type="button" value="Book Now"/>



Towards a Regional Solution

Training events aggregator
and regional events manager:



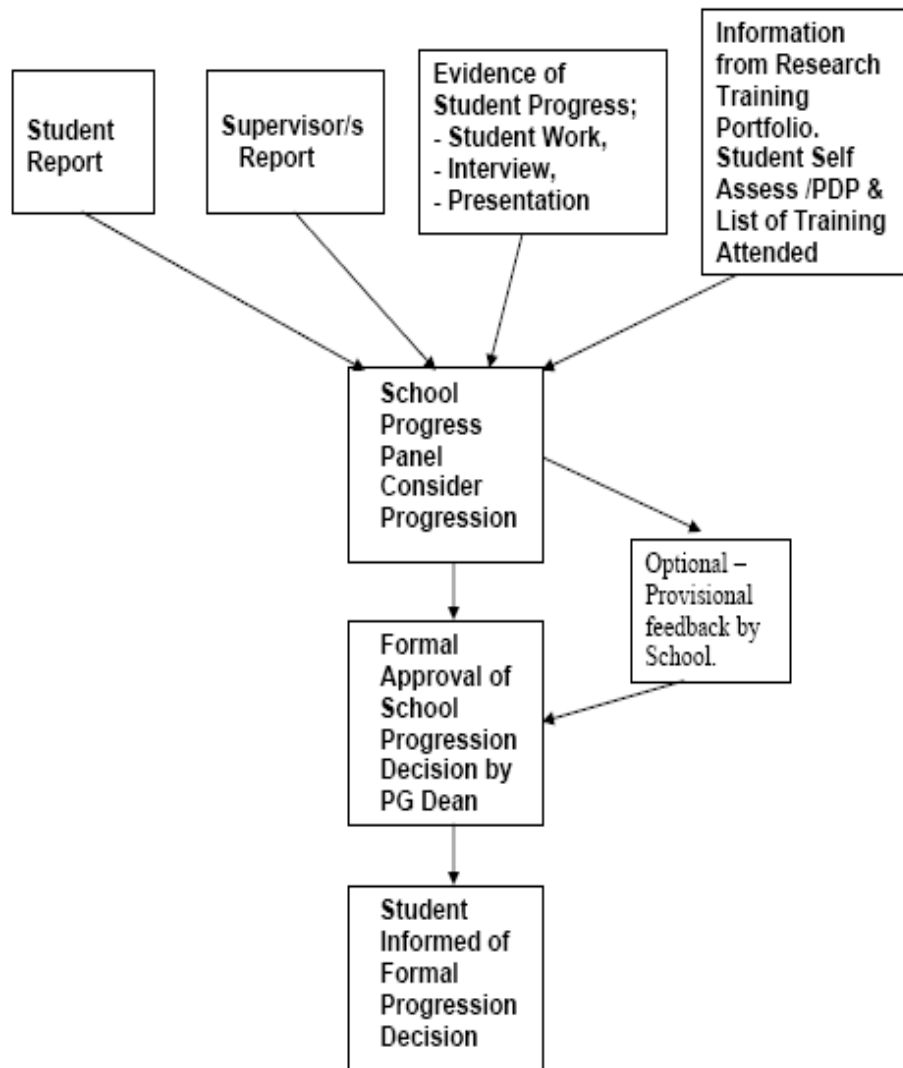
online postgraduate progression

It is being introduced with the aim of

- making the process more streamlined and convenient for you and all involved in your progression.
- In the long term it should help reduce the high demands on administrative time required to support the progression process and reduce the overall environmental impact (e.g. less photocopying for Panel members).

Annual Progression

ePortfolios



1. The Student and Supervisor file their reports
2. The Progression Panel consider these reports and make recommendations
3. The Head of School provides feedback from a school perspective
4. The Decision is formally made by the faculty Dean
5. The student is informed of the decision

1

Complete the Annual Report form

2

Add your Evidence

3

Submit

The screenshot shows a web interface for a 'Postgraduate Portfolio'. On the left is a navigation menu with links: Home, My Project, My Skills, Self-Assess/PDP, CV, Progression (highlighted), Useful Links, and Feedback. The main content area has tabs for Agreement, Report, Evidence, Submit, and Previous Reports. Below the tabs is the title 'Annual Report from Student for School Progress Panel'. A message states: 'The latest date for submission is: 24/06/2007 (25 days). Your panel has met and their decision is awaiting approval from the head of school and/or faculty Dean.' The form contains the following sections:

- 1. Project/Thesis Title: A text input field containing 'My Project'.
- 2. Progress to date

Below these sections is a table with 'Yes' and 'No' columns and seven rows of questions, each with radio button options:

Yes	No
<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>

The questions are:

- Do you consider that you have made satisfactory progress during the academic year and will be on track to complete according to your project plan?
- Have you had regular contact with your supervisor (approximately monthly or equivalent for part-time students)?
- Have you discussed your research training needs with your supervisor?
- Have you attended research training events as discussed with your supervisor?
- Do you feel that your training needs have been met?
- Are there any problems or issues that you would like to draw to the Progress Panel's attention (for example regarding supervision or resources)?
- If yes, have you discussed these problems fully with your supervisor, Postgraduate Director/Tutor or Head of School?

The Annual Report form

- ePortfolio:
<http://www.eportfolios.ac.uk/>
- Roberts Review (2002):
http://www.hm-treasury.gov.uk/documents/enterprise_and_productivity/research_and_enterprise/ent_res_roberts.cfm
- Research Councils Joint Skills Statement (2002):
http://www.grad.ac.uk/gradschool/downloads/rdp_report/rdp_framework_g.pdf
- Quality Assurance Agency (QAA):
<http://www.qaa.ac.uk/>