

Professional Registration Workshop. Part I: Why and How?

RSciTech
Registered
Science Technician

RSci
Registered
Scientist

CSci
Chartered
Scientist

CSciTeach
Chartered
Science Teacher

Laurence Dawkins-Hall FIScT, C.Biol, C.Sci

L.Dawkins-Hall@sciencecouncil.org

H.McNeil@sciencecouncil.org



Survey Monkey Apply!

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ABOUT ME

- ❑ 30 years experience in Biomedical Sciences
- ❑ Experienced molecular & cell biologist
- ❑ Experienced protein biochemist
- ❑ Experienced in Assay design & drug discovery
- ❑ Experienced with DNA Sequencing platforms & genomics
- ❑ Author, review Editor, instructor

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My Science Council Hat

Applicant Support Mentors

Science Council Applicant Support Mentors facilitate workshops aimed at supporting individuals to understand the process for professional registration and the requirements to completing an application. For further information email enquiries@sciencecouncil.org

⤴ **Rob Butler CSciTeach, Applicant Support Mentor**

⤴ **Laurence Dawkins-Hall FIScT(Reg), CSci, CBiol, Applicant Support Mentor**



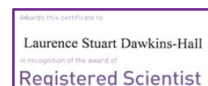
Laurence is a Chartered Scientist and has 30 years' experience of working, as a technician, in higher education and life science research institutes, throughout the UK and in the USA. During his career he has been engaged with scientific research and communicated science via outreach activities, teaching, training and publishing. He completed a degree in Biomedical sciences and his technical expertise pertains to molecular and cell biology, protein biochemistry & clinical genomics. He is currently a Registrant Assessor for the Institute of Science & Technology (IST) and runs registration workshops at the University of Leicester and nationally for the IST. He holds a Fellowship with the IST (FIScT).

⤴ **Stephen Franey CSci, Applicant Support Mentor**

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My Registration Credentials



Part I

- ❑ Benefits of Registration
- ❑ Applying for Registration
- ❑ Which Register?:
RSciTech, RSci, CSci

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What is the Science Council?

Registered charity with a Royal Charter

Three priority areas:

Enhance professionalism in science via registration

Voice on policy issues in science e.g. diversity, vocational routes, degree provision

Support member bodies to be more effective

A membership organisation of 35+ UK professional bodies and learned societies

License professional bodies to award **RSciTech**, **RSci**, **CSci** and CSciTeach

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What is professional registration?

Professional registration with the Science Council provides **independent recognition of your achievements** and maintaining the exact standards required to join the global community of professional scientists.

Much like 

Historically, especially in academic settings, **there has been an absence of accreditation for technicians translating into a substantive career pathway**



Licensed Bodies (LBs): Examples

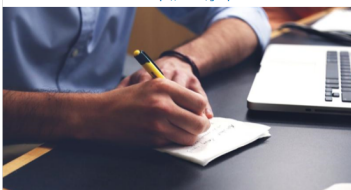


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Benefits of Registration: Working with Accreditors

Science Council
1,592 followers
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At the Science Council, we are always keen to welcome volunteer assessors. If you are professionally registered with the Science Council and would like to volunteer for us, learn more on our website: <https://lnkd.in/gADpP9Q>



Vacancies at the Science Council
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In their own words....IBMS



RSciTech Registered Science Technician

Science technicians play a vital role in our society, delivering the skilled technical support our increasingly complex infrastructure requires.

Katarzyna Sata RSciTech

Katarzyna currently works as a Research Technician in the Department of Life Sciences at Imperial College, London. She recommends RSciTech registration to anyone who wants their qualifications and experience to be recognised.

"I believe that becoming a Registered Science Technician is a great opportunity for Research Technicians, as we can be nationally recognised by colleagues and it can help us to advance in our careers."



RSci Registered Scientist

The Registered Scientist award provides recognition for those in scientific and higher technical roles as professionals in their field.

Katy Bisson RSci

Katy is an Associate Practitioner in Cellular Pathology at Jersey General Hospital. She sees professional registration as a way to increase professional recognition for laboratory support staff.

"Becoming a Registered Scientist has improved my professional status and career progression. It has given my employer and colleagues the assurance that I am committed to professional development in a scientific field."



CSci Chartered Scientist

Chartered Scientist provides chartered status for all scientists: recognising the highest levels of professionalism and competence in science, independent of discipline.

Assoc Prof Dr Mohd Nasir Salleh FIBMS CSci

Professor Salleh is Dean of the Faculty of Biomedical and Health Sciences at the University of Selangor, Malaysia. He believes professional registration motivates registrants to achieve their career goals and strengthens their connection to the scientific community.

"Now that I am a Chartered Scientist, I hope to widen my network for research collaboration and to range across different sectors and disciplines."



Benefits of Registration



Science Council professional registers

Demonstrate high levels of professional practice and ethical standards through professional registration with the Science Council

Professional registration with the [Science Council](#) captures the knowledge and experience sought after by employers and demanded by the public, demonstrating your commitment to high ethical standards and continuing professional development (CPD).

Being registered marks you out as a scientist who is committed to keeping your skills up-to-date, demonstrating that you maintain standards of integrity which give the public confidence in your practice.

Benefits of professional registration

There are a number of ways becoming professionally registered with the Science Council will benefit your practice and professional development:

- provides a recognised mark of quality and competence that is highly sought after by employers
- recognises your professional knowledge and experience
- reflects your workplace experience and levels of competence
- provides independent recognition that you have achieved and maintain the Science Council's standards
- demonstrates your ethical commitment and integrity

Find out how becoming a Science Council registered professional scientist has [benefitted IBMS members at every stage of their careers](#)



Registration Impacts

Person Specification

Applicants should provide evidence in their applications that they meet the following criteria. We will use a range of selection methods to measure candidates' abilities in these areas including reviewing your on-line application, seeking references, inviting shortlisted candidates to interview and other forms of assessment action relevant to the post.

Criteria	Essential	Desirable
Qualifications and experience		
1. 5 GCSEs grades A-C, including Maths and English (or equivalent).	X	
2. University degree in biology or related field, or equivalent qualification/experience.		X
3. Research laboratory experience in biology or related field.	X	
4. Professional registration or willingness to work towards it.	X	
5. Experience with <i>Drosophila melanogaster</i> .		X
6. Working knowledge of RNA lab work.		X
7. Experience with software: Microsoft Office, R and with operating systems: OS X and Windows.		X

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Professional Registration is part of the Technician Commitment

Technicians make it happen

The Commitment includes 4 key areas:

VISIBILITY

Ensure that all technicians within the organisation are identifiable and that the contribution of technicians is visible within and beyond the institution.

RECOGNITION

Support technicians to gain recognition through professional registration and external awards schemes.

CAREER DEVELOPMENT

Enable career progression opportunities for technicians through the provision of clear, documented career pathways.

SUSTAINABILITY

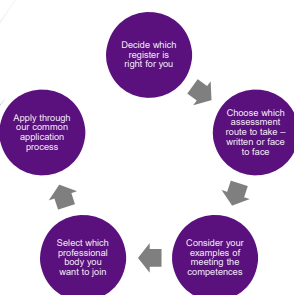
Ensure the future sustainability of technical skills across the organisation and that technical expertise is fully utilised.

Ensuring status & opportunity for technical roles across UK research, teaching & innovation

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Applying for Registration: 5 Steps



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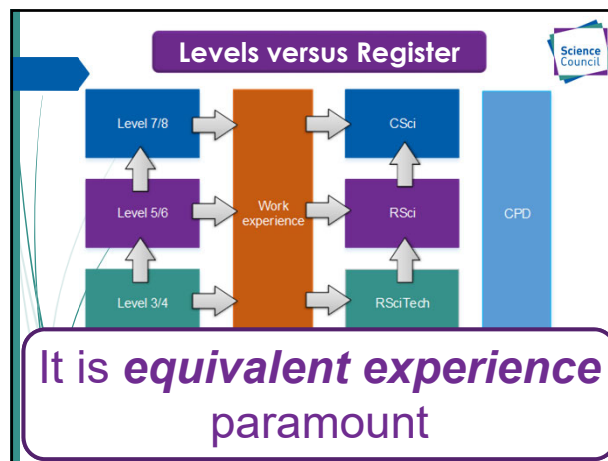
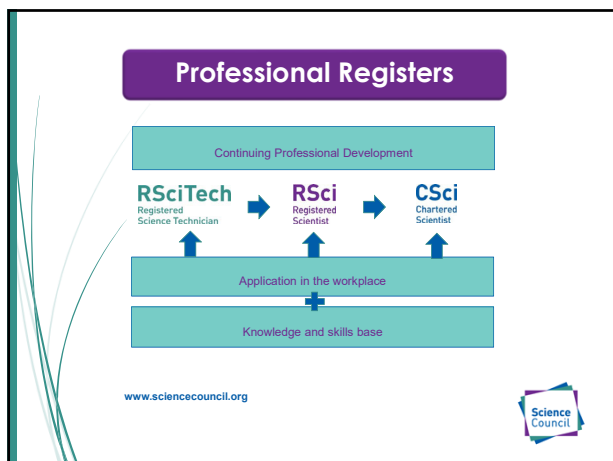
5 Steps to Registration



Step 1:

Decide which Register is right for you

- ☐ Reflect on experience
- ☐ Work through Self help materials
- ☐ Ask the science Council Mentors for suggestions
- ☐ Make sure you can meet the competencies
- ☐ If necessary implement a CPD plan of action to fully meet criterion
- ☐ Remember this is not time assessed so take your time !



Experience Level

Is a PhD any advantage ?

No!!

Registration is a Vocational accreditation

Not an academic qualification

Level	Qualification Equivalent
3	A Level Access to higher education diploma Advanced apprenticeship All Level Level 3 Award Level 3 Certificate Level 3 Diploma Level 3 National Certificate Level 3 National Diploma Level 3 NVQ
4	Certificate of higher education (CertHE) Higher apprenticeship Higher National Certificate (HNC) Level 4 Award Level 4 Certificate Level 4 Diploma Level 4 NVQ
5	Diploma of higher education (DipHE) Foundation Degree Higher National Diploma (HND) Level 5 Award Level 5 Certificate Level 5 Diploma Level 5 NVQ
6	Degree Apprenticeship Degree with Honours Graduate Certificate Graduate Diploma Level 6 Award Level 6 Certificate Level 6 Diploma Level 6 NVQ
7	Integrated Masters Degree Level 7 Award Level 7 Certificate Level 7 Diploma Level 7 NVQ Masters Degree Postgraduate certificate Postgraduate Diploma Doctorate Level 8 Award Level 8 Certificate Level 8 Diploma

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Practice is equivalent to Qualifications

Qualifications

Completed - Mar 2 2020

Qualifications

The following academic criteria is required for each register:

- 1.RSciTech applicants must have a level 3 qualification or equivalent* learning and achievement.
- 2.RSci applicants must have a level 5 qualification or equivalent* learning and achievement.
- 3.CSci and CSciTech applicants must have a level 7 qualification or equivalent* learning and achievement.

*Equivalent refers to the QAA (Quality Assurance Agency for Education) descriptors. (Note: All round professional competence will be the deciding factor, and there are several other ways in which the required knowledge, understanding and skills can be demonstrated for applicants without the relevant qualifications.)

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What you need to demonstrate to become an **RSciTech**

Candidates will typically be **applying knowledge to their roles that is equivalent to at least QCF level 3**. If they also have a qualification at this level or above it will contribute to their applications.

This is **autonomous practice within pre set SOPs** and typically comes from **1 year of professional practice**

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RSciTech

Apply knowledge of underlying concepts and principles



What you need to demonstrate to become an **RSci**

Registered Scientist (RSci) is an award to provide recognition for those working in scientific and higher technical roles.

Candidates will typically be **performing at QCF level 5** and will be applying this knowledge to their roles. It provides recognition in its own right but can also be a springboard to recognition as a Chartered Scientist.

This level of performance is normally **equivalent to about 2 years** in a Professional setting

Unlike RSci Tech, RSci are expected to **operate according to non standard procedures**



What you need to demonstrate to become an **CSci**

Chartered Scientist (CSci) is a well established award, with over 12,000 scientists having achieved it since its launch in 2004.

Candidates will **typically be in senior scientific or managerial roles, working at QCF level 7** and applying their knowledge in their roles. Chartered status is a well established benchmark across the professions.

Typical CSci have **practiced their craft for about 5 years** and their **position entails managerial responsibilities** but might not be an actual managers job

In the case of CSci, **lack of a formal level 7 (M) qualification can be rectified by submission of an equivalency report** in addition to the standard competency document

This additional **equivalency document is ONLY REQUIRED for CSci**

CSci

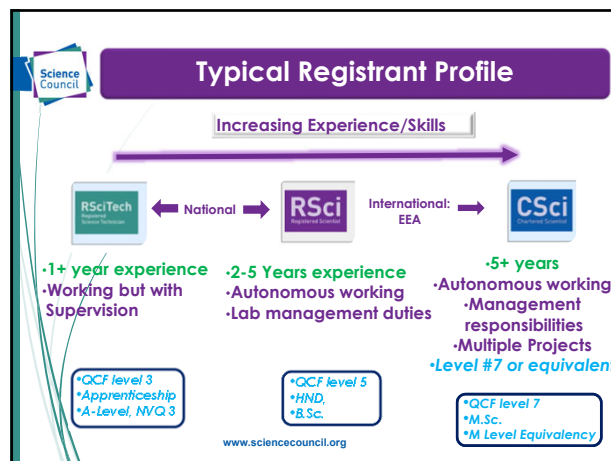
Use a combination of general and experiential knowledge, understanding and skills to be able to optimise and engage in the application of existing and emerging science and technology

What is Chartered Scientist? Chartered Scientist is a professional registration that recognises a high level of skill and experience independent of discipline. It provides recognition for professional practice and experience and thus complements the academic qualifications you might also have.

Typically, professionals need to have been working for 4–6 years to achieve this and must either have a Masters level qualification or be able to demonstrate that they are working at this level.

Chartered Scientist is accepted for the purposes of **Directive 2005/36/EC** as a regulated profession with the Science Council appointed as the Competent Authority. The Directive works on the basic principle that an individual **fully qualified to practise a regulated profession in one member state should be treated, in principle, as qualified to practise that same profession in another member state**

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5 Steps to Registration

Step 2:

Choose which assessment route to take

Written or face to face

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5 Steps to Registration

Step 3:

Consider your examples of meeting the competences

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5 Steps to Registration

Step 4:
Select which professional body you want to join

- RSciTech (affiliate or associate grade)
- RSci (associate or member grade)
- CSci (member or fellow grade)
- CSciTeach (member or fellow grade)
- CBiol (member or fellow grade)

☐ **Associate Member** eq. RSci Tech
☐ **Full Membership** eq. to CSci






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5 Steps to Registration

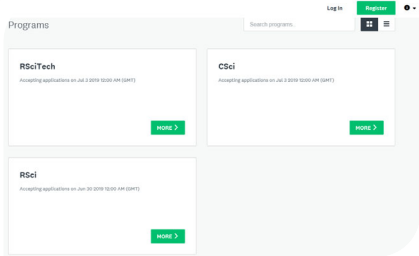
Step 5:
Apply through our **Common Application Process (CAP)**

[Common Application Portal \(CAP\)](https://www.sciencecouncil.org)
<https://sciencecounciluk3.smapply.io/>


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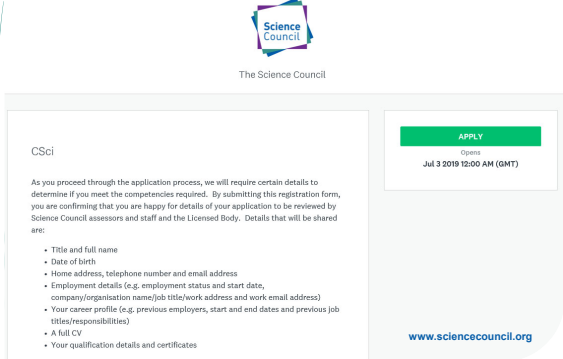
Universal Portal: Survey Monkey



[Common Application Portal \(CAP\)](https://www.sciencecouncil.org)
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Create your User Profile



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Upload File(s)

Year course ended: 1999

Full or part time: Full time

Name of institution/course provider:

Type and level of qualification: PhD

Grade/classification: Merit

I have another qualification to upload: Yes

Qualification 1 - upload certificate

1. and

Qualification 1 - upload transcript (for CSci only)

Qualification 2

Course title:

Year course started:

Year course ended:

Full or part time: Full time



Competency boot straps: Real time Guidance

A2: Apply underlying scientific concepts, principles and techniques in the context of new and different areas of work

This means that you can explain the major reasons for undertaking new and different work. Your example may for instance describe how you:

- Are involved in carrying out a new procedure, process, or design; you should be able to explain from a technical perspective why you are using this and why it is relevant to the new area of work.
- Remember to include outputs, as well as inputs

Find more in-depth guidance on the useful information section on our [website](http://www.sciencecouncil.org)

The research groups under my supervision rely on a mix of methods to image their protein blots: some use chemiluminescence in combination with X-ray film, and therefore use a film developer with high maintenance. Other groups have upgraded to chemiluminescence cameras a decade ago, while one

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Costs of CAP

Register	Registration Fee	Membership Fee	Application Fee
CSci	£45	Determined by Licensed Body	£15
RSci	£20	£55	£15
Rsci Tech	£15	£55	£15

- ☐ Total cost & **RSci Tech** **RSci** ~ £100
- ☐ Total cost **CSci** ~ £150



Further information?



[Video guiding you through competency report](#)

Reference Material

[How to apply for Professional Registration: SC](#)
[IST Materials on Professional registration](#)
[Cost of Professional registration](#)

Laurence Dawkins-Hall

ldh11@le.ac.uk

[Linked In Profile](#)

[Registrant Profile](#)

[Mentoring CV](#)



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Thank you and good luck!



	RBioTech	RBiol	CBiol	CBioTeach	CBiol	ICB	UKBT
Guideline no of years' work experience required in relevant field	1 year	1-2 years	6-8 years (incl. 1-2 years in a senior role)	4-6 years (incl. 2 years in a senior role)	6-8 years (incl. 1-2 years in a senior role)	6+ years	5+ years
Qualification level or Equivalence to	Level 3	Level 5	Level 7	Level 7	Level 7	Level 7	Level 6
Competency by Application/Interview/Exam	Application or Interview	Application or Interview	Application or Interview	Application	Application	Application and Exam	Application
Competence section in application	Y	Y	Y	Y	Y	Y	N
CPD record required to maintain registration	Y	Y	Y	Y	Y	N	Y
CPD record required to gain registration	N	N	N	N	Only if applying via 2 years MRSB CPD route	N	Y
RSB membership required	Affiliate (minimum)	Affiliate (minimum)	MRSB/RRSB	MRSB/RRSB	MRSB/RRSB	N	N
Application fee required	£15	£20	£45	£45	£50	£450	£100
Annual retention fee required	£15	£20	£45	£45	£25	N/A	£50
Election cycle	Quarterly	Quarterly	Quarterly	Quarterly	Quarterly	Annual	3 times a year
Renewal required	Yearly	Yearly	Yearly	Yearly	Yearly	N	Yearly (1-5 yearly re-registrations)

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