

Careers in Science

Allison Hunter



- a) Resources
- b) Within Universities
- c) Outside Universities: research councils and membership bodies
- d) Outside Universities: government, industry and lobbying
- e) Science Parks and Bioincubators
- f) Science Communication

a) Resources

<http://www.imperial.ac.uk/postdoc-development-centre/online-resources/>

<https://www.vitae.ac.uk/researcher-careers/career-management-for-researchers/creating-effective-cvs-as-a-researcher>

http://changingminds.org/disciplines/job-finding/resume/resume_power_words.htm

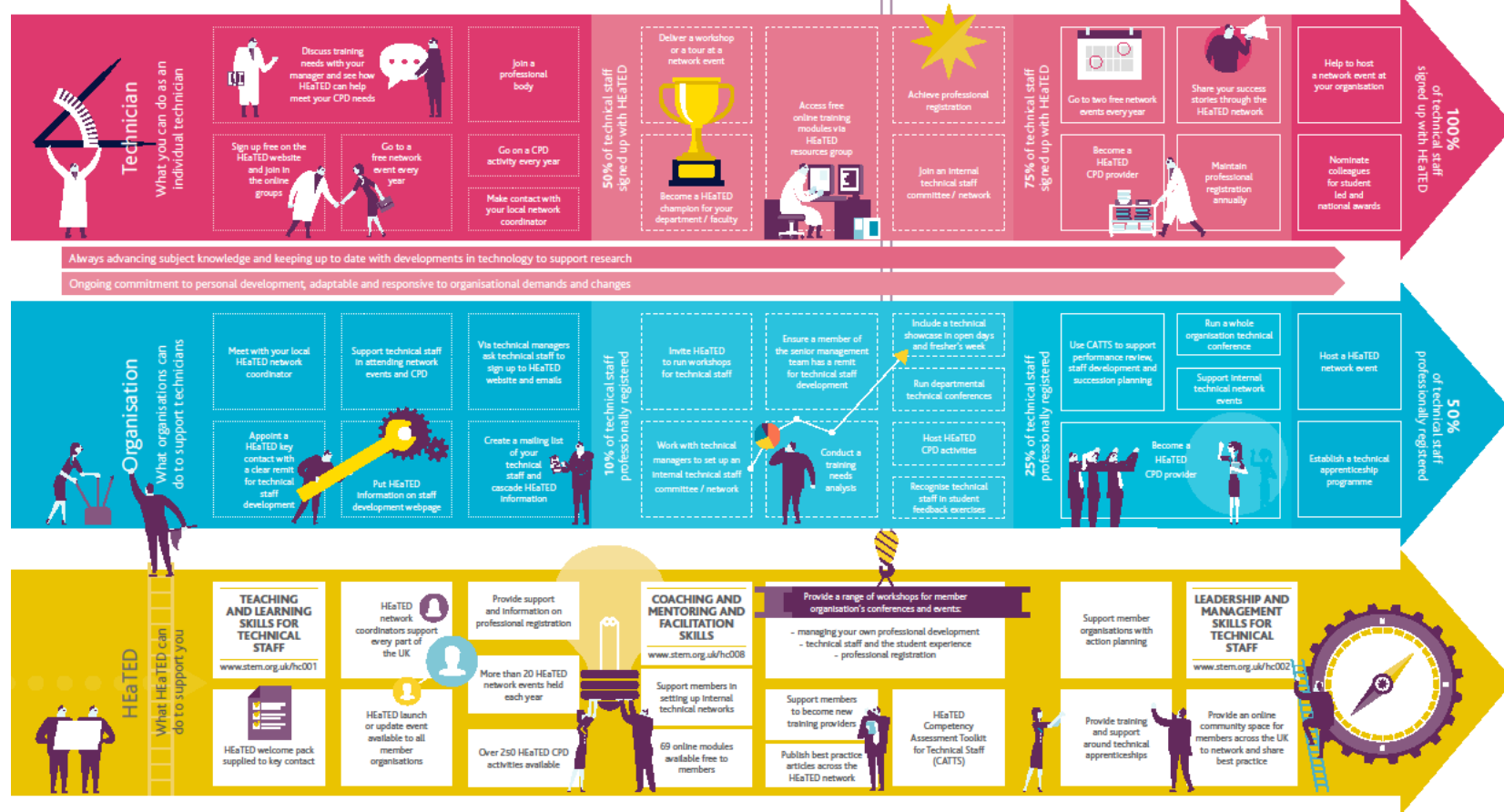
<https://jobmob.co.il/blog/positive-resume-action-verbs/>

<http://www.imperial.ac.uk/staff-development/development-options/od-courses/technicians/>

a i) HEaTED route map

HEaTED PROFESSIONAL DEVELOPMENT ROUTE MAP

Technical staff engaged in professional development are more motivated, adaptable, efficient and more easily retained by their organisations, so how can individual technicians and organisations ensure technicians stay engaged? And what can HEaTED do to help?



aii) Vitae – Researcher Development Framework

<https://www.vitae.ac.uk/researcher-careers/career-management-for-researchers/creating-effective-cvs-as-a-researcher>

Structure

The RDF has been created from empirical data, collected through interviewing researchers, to identify the characteristics of excellent researchers expressed in the RDF as 'descriptors'. The descriptors are structured in four domains and twelve sub-domains, encompassing the knowledge, intellectual abilities, techniques and professional standards to do research, as well as the personal qualities, knowledge and skills to work with others and ensure the wider impact of research. Each of the sixty-three descriptors contains between three to five phases, representing distinct stages of development or levels of performance within that descriptor.

The RDF has been incorporated into a downloadable Professional Development Planner to enable researchers to identify the areas in the framework they want to develop further and to create an action plan.



b) Within Universities



b) Within Universities

- Facility manager: specialist skills microscopy/ FACS/ NMR/ Mass spec/ Crystallography/ Protein
- Building Manager: understand maintenance and estates issues and the needs of the building users
- Bioinformatics: <http://www.imperial.ac.uk/bioinformatics-data-science-group/about/>
- Procurement: best value on university spending <https://www.supc.ac.uk/>
- CBS facility manager: facilities, services and advice for animal research
- Estates managers: large scale building projects and refurbishments
- Lab manager: looking after a large PI's group or a number of PI's in a department
 - <https://www.linkedin.com/jobs/view/1348362554/>
- Teaching manager: co-ordinating practical classes to support degree courses
- Safety – departmental/ Faculty/ College: NEBOSH
- Technology Transfer: <https://www.imperialinnovations.co.uk/>

c) Outside Universities: research councils and membership bodies

<https://www.rsb.org.uk/>

<https://www.ukri.org/skills/policy-and-frameworks/>

<http://sciencecouncil.org/>

<http://istonline.org.uk/>

<https://wellcome.ac.uk/>

<https://www.epsrc.ac.uk/>

<https://www.mrc.ac.uk/>

<http://www.gatesfoundation.org/>

<https://www.cancerresearchuk.org/>

https://gtr.ukri.org/?_ga=2.184453606.1142552615.1563796065-887510181.1563796065

<https://bbsrc.ukri.org/skills/developing-careers/research-technicians-technology-skills-specialists/>

<https://www.leverhulme.ac.uk/>

<https://www.rsb.org.uk/careers-and-cpd/careers/make-a-difference/future>

d) Outside Universities: government, industry and lobbying



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<https://www.faststream.gov.uk/science-engineering>

<https://www.gov.uk/government/organisations/government-office-for-science/about/recruitment>

HSE : <https://jobs.newscientist.com/en-gb/job/1401630652/biological-agents-specialist-bootle-and-leeds-uk/?LinkSource=TopJob>

<http://www.medcityhq.com/>

<https://jobs.newscientist.com/en-gb/jobs/life-sciences/?Keywords=technician#browsing>

<http://www.ncub.co.uk/who-we-are/who-we-are.html>

Lobby bodies:

<http://whoslobbying.com/uk/biotechnology>

<http://whoslobbying.com/uk/industries>

http://whoslobbying.com/uk/biological_product_except_diagnostic_manufacturing

e) Science Parks and Bioincubators

<http://www.ukspa.org.uk/>

<http://midlandsinnovation.org.uk/midlands-innovation.aspx>

<http://midlandsinnovation.org.uk/news/2019-articles/posthets2019.aspx>

<http://northernpowerhouse.gov.uk/>

<http://www.setsquared.co.uk/>

e.g. Durham, Surrey, Bath, Bristol, Exeter, Southampton, Manchester

<http://www.stevenagecatalyst.com/>

<http://www.norwichresearchpark.com/tags/78>

UK Science Cities: Birmingham, Bristol, Manchester, Newcastle, Nottingham and York

Abroad: Austria, Portugal, Spain, Germany, Italy, France

f) Science Communication



f) Science Communication

<https://www.imperial.ac.uk/communications/news-and-media/working-with-the-media/>

<http://www.imperial.ac.uk/science-communication-unit/why-study-with-us/>

<http://communications.web.cern.ch/>

<https://uk.linkedin.com/jobs/science-communication-jobs?position=1&pageNum=0¤tJobId=1343837808>

<http://sciencecouncil.org/about-us/our-team/job-vacancies/>

<http://www.citylit.ac.uk/courses/writing-articles-workshop/HJ045-1617S>

<https://www.hotcourses.com>


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