

CAREER CHOICE INDICATOR

FOR BIOSCIENCE RESEARCHERS AND PhD STUDENTS

Examine the interests/skills listed in each of the six typology sections below and rank each section from 1 – 6 in order of preference, according to your enjoyment of the majority of the tasks.
(1 = HIGHEST; 6 = LOWEST).

PRACTICAL Technical Systematic Application	SCORE		INVESTIGATIVE Research Discovery Curiosity	SCORE	
Conducting experiments, collecting data Using mathematical/statistical tools Equipment and methodologies Instrumentation knowledge & understanding Applying specialist technical skills Practical and physical experimental tasks Collecting samples, taking measurements Taking responsibility for lab resources, incl. cell, animal and plant care/maintenance.			Making new discoveries Interpreting results and data Conceptualising and designing investigative research projects to test a hypothesis Thinking up new theories/processes Learning about new research Researching/reviewing literature Researching/Reviewing research literature Writing and reviewing research articles		
ENTERPRISING Inventive Resourceful Leadership	SCORE		SUPPORTIVE Advising Instructing Cooperating	SCORE	
Preparing and conceptualising grants Promoting and 'selling' your ideas Setting up new projects Thinking 'big picture' and having new ideas Coordinating/leading projects Technology transfer/IP opportunities Establishing new collaborators Freelance consultancy work Marketing and promoting research			Helping and supporting others Supervising/mentoring Teaching/tutoring Demonstrating in undergraduate practicals Liaising with people (eg colleagues, peers, collaborators, editors, students) Networking at conferences Being involved in/organising events that bring people together		
CREATIVE Artistic Imagination Design	SCORE		ADMINISTRATIVE Executive Management Organisation	SCORE	
Imaginative data presentation Technical/research design innovation Artistic realisation (visual, performance etc) Popularising science to the public Creating imaginative designs Theatrical and dramatic presentation Writing press stories, media engagement Writing general interest science articles Blogging and other social media			Organising experimental schedules Keeping records of data and/or budgets Working to deadlines Managing finances Organising workload and prioritising tasks Serving on committees Writing reports Editing manuscripts Marking and assessing student essays		

© Sarah Blackford 2014 www.biosciencecareers.org

Typologies ranked in order of preference, e.g.

RESULTS	1: I	2: P	3: A	4: S	5: E	6: C
---------	------	------	------	------	------	------

RESULTS	1:	2:	3:	4:	5:	6:
----------------	----	----	----	----	----	----

Reference citation: Blackford, S (2014) Career choice indicator for bioscience researchers and PhD students based on Holland's theory of career choice. www.biosciencecareers.org/career-choice

CAREER CHOICE INDICATOR FOR BIOSCIENCE RESEARCHERS AND PhD STUDENTS

Refer to your top three typology rankings above and examine the corresponding typology sections below which contain a list of suggested jobs that match the associated interest/skills.

PRACTICAL	INVESTIGATIVE
Technical Manager/technician Clinical laboratory scientist Laboratory manager Specialist scientist: toxicologist, forensics, pharmacologist, manufacturing, product/process Applied scientific research Data/information manager Specialist scientific services, e.g. statistician, Bioinformatician, IT services Health & Safety officer/Quality assurance Practical physical careers (eg warden, agriculturalist, farmer, field worker)	Researcher (Industry) Researcher (Government institute) Researcher (university) Academic/professor/group leader Research analyst Market researcher Researcher (media/policy) Think Tank adviser Journal development manager Journal Editor/Commissioning editor Forensic Investigator Professional academic writer (papers/grants)
ENTERPRISING	SUPPORTIVE
University Academic/professor Research Group leader Company owner (e.g. Spin-out company) Company director/Business manager Patent Lawyer/Attorney Marketing/brand manager Sales manager Recruitment consultant Technology transfer manager Specialist consultant Commissioning editor Private equity manager	Scientific services adviser Events manager Sales representative (relationship building) Product demonstrator/adviser Researcher Support Manager General medical practitioner/vet Health care specialist e.g. nurse, physiotherapist Personal/careers adviser/coach Front-line services Educational development manager School teacher Social worker
CREATIVE	ADMINISTRATIVE
Engagement Officer (e.g. schools, public, media) Communications/community manager Social media communications specialist Science journalist Press and publicity officer External relations manager Science writer Medical communications Exhibitions designer Artistic careers (eg photographer, artist) Brand and designer (e.g. web, product) Copywriter	Professional academic writer (papers/grants) Regulatory affairs/pharmacovigilance Patent examiner Grants administrator Science Policy officer Conference organiser Editorial assistant Copy editor/Proof reader Administrator (e.g. university, government) Course coordinator Manager (e.g. project, office, finance) Personal assistant/ Company secretary

© Sarah Blackford 2014 www.biosciencecareers.org

Potential jobs of interest

1.	
2.	
3.	

Reference citation: Blackford, S (2014) Career choice indicator for bioscience researchers and PhD students based on Holland's theory of career choice. www.biosciencecareers.org/career-choice