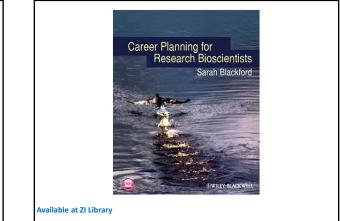
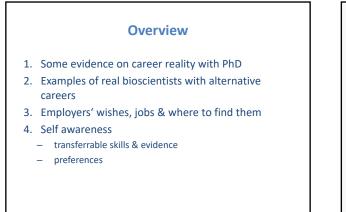
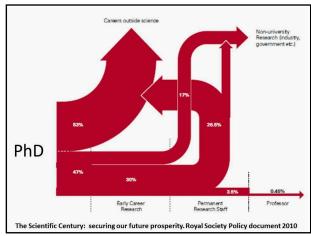


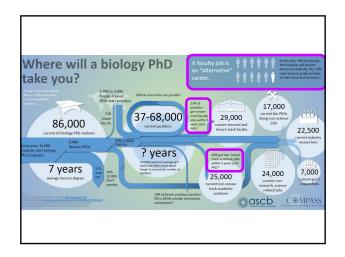


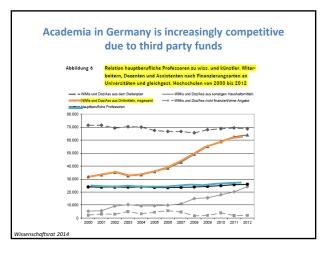
Practical hands-on knowledge on how & where to start

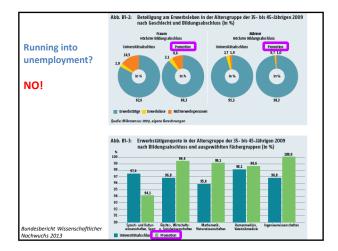












Overview

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- 3. Employers' wishes, jobs & where to find them
- 4. Self awareness
 - transferrable skills & evidence
 - preferences

Andrew - Lead scientist, large agribiotec company

Job

- Leads team of 3, designing protein function
 Highly interdisciplinary work, interaction with many other specialist groups, lot of communication and cooperation
- First position like post-doc role
- after 4 years more senior position, less practical work, more planning, leading, steering projects, preparing meetings, reporting on progress, communicating with other experts,
- learns more and more about business side
- Background
 - Biochemist, 2,5 years postdoc
 - Wants better work-life balance = driver for industry iob - Job interview checked technical skills and personal abilities such as
 - communication, team working, ability to work on new projects

Career advices

Highligting the experiences most relevant to post

eer Planning for Research Bioscientists 2013

Yfke - Senior medical writer, medical communications agency

Job

- Important to write well in different ways, using different media, for different audiences, comprehend field Travels to conferences to meet clinicians to support their
- presentations, prepares abstracts for medical congresses, assists in writing papers
- Interpersonal skills very important: negotiate, listen to clients, interpret their requirements, provide supportive role

Background

- Biologist, PhD, liked to write for university paper, press officer internship during PhD, interviews of scientists, press releases At conference she meets editor of practice journal, covers maternity leave, wins science writing competition

Career advice

Be proactive, do more than "just" PhD or postdoc to get a wider CV & contacts

er Planning for Research Bioscientists 2013

Linda - Teacher training coordinator, public research institute in Berlin

Job

Continuing professional development for teachers in science to train them in latest experiments, show teachers how to make highly technical science intersting & exciting for their schools Works in small team with other PhDs

Background

- 3 postdocs in G, USA, realized that lab life is not for her, but loves science communication
- Always involved in outreach, teaching & communicating science
- to children, science exhibitions,
- Saw job advertisement by chance

Career facts

Combination of pro-activeness & self-awareness

for Research Biosci ntists 2013

Antonella - research manager for **EUROCORES program at ESF**

Job Varied daily routine:

- organizing peer reviews, review panels, chairing scientific & management committees, presentations at conferences,
- overseeing reporting, making sure deadlines are kept,
- _
- writing press releases & brochures, interviewing scientists, maintain website,
- liaising with different national agencies & EU organizations

Background PhD in biochemistry,

- postdoc in inducer with Marie Curie fellowship, after 2 years project management responsibilities, realized that she likes project management, international environment, science-policy work, event organization, travel, networking.
- applies for research management jobs (hundreds of applications), thanks to the skills acquired during postdoc lands job at ESF

Career advice

Self-awareness, purposeful, flexible in terms of locations

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Employers main requests

- . Communication skills
- Team work / group work .
- . Time management .
- Adaptability / flexibility
- . Stress tolerance, performance under pressure .
- Planning and organization .
- Project management .
 - Networking
- . Analytical skills, problem analysis & solving, creativity
- Ability to learn quickly . .
- Present themselves .
- Motivated people
- Leadership potential, people who want to develop themselves .
- Decision-making

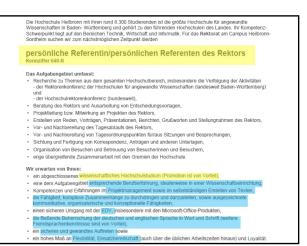
EMPRESS Employers' Perceptions of Recruiting Research Staff and Students, 2005

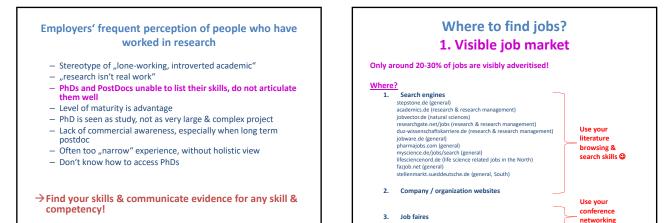
List of possible jobs with PhD

- Biostatistician
- Science communication
- Research manager Science writer
- Editorial company manager
- Consultant
- Graduate school manager
- Industry researcher
- Technology transfer / patents Non profit organization
- Policy advisor / think tank Marketing & sales
- Human resources / recruitment services
- Conference organizer
- . Etc
- : Etc. Etc.

 projects to validate specific aspects of our pn or definition of appropriate reference material structure and automation of analyses genomic measurements, with focus on NGS oneous calling of genomic variants, including S racy of genomic measurem sing erroneous calling of ge points and means of qua communicating the results ills and qua

Wissenschaftl. Mitarbeiter/in Schwerpunkt Algorithmenentwicklung
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Ihr Profil Wir suchen Persönlichkeiten, die ergebnis- und marktorientiert handeln und im Team Spitzerleistungen erzielen wollen. Außerdem sollten Sie folgende Qualifikation mittiningen:
(Jesuk-robertski) Augushkaraza Studim Eshikokharj Jafornakk. Nathamia Georgi Barakara Studie et al. 2014 - 2014
Unser Angebot Unsere Produkte, Lösungen und Dienstleiutungen verbessem das Leben von Millionen von Menschen auf der ganzen Welt. Sie können zu diesem Erfolg beitragen und in einem hochtechnologischen Umfeld in einem internationalen Expertenteau arbeiten.
Als Unternehmen für Gesundheit und Wohlbefinden liegt Philips dus Thema Vereinbarket von Beruf und Privaleben unserer Matebetterinnen und Matebetter am Harsnen. Wir beiten dahar zahlschafte Angebota wie zum Bestgal "Jußa dah more" im Ruhmen unseres Familiensenvices, das "Philips in Balance" Gesundhetsprogramm sowie moderne Arbetssteitmodielle zur Unterstützung au.





EMPRESS Employers' Perceptions of Recruiting Research Staff and Students, 2005



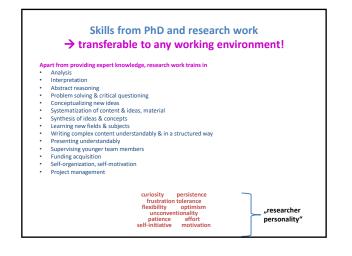


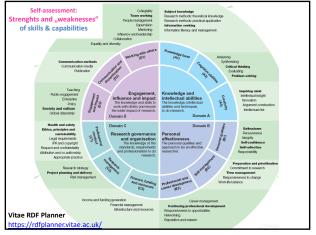
skills 🕲

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PhD task or activity	Skills/competency
I wrote a 50,000 word thesis.	Ability to present and organise large amounts of information in a clear manner. Fluency in Microsoft Office packages.
I had 3 supervisors or my supervisors didn't get on.	Negotiation skills.
I analysed loads of data.	Analysis of complex data and presentation of emerging conclusions and concepts.
I conducted interviews for my research project.	Questionnaire design (f applicable). Experience in qualifiative analysis. Sensitive to the needs of others. Diplomacy and confidentiality.
Experiments or theory testing didn't work but I found out why and tried again.	Problem-solving skills.
I published papers, book chapters and presented at conferences.	Ability to communicate complex ideas effectively in a range of formats.
I completed my PhD in three years.	Ability to plan a project and deliver it to agreed timelines.
l did a PhD.	I am able to work with minimum supervision as well as part of a team.
I organised a conference.	Event planning skills.
My research group was international or I spent some time abroad for my research.	Ability to interact with colleagues from diverse professional backgrounds to successfully work towards common goals.
I took part in science communication or public engagement events such as science festivals, visiting schools to explain your research, etc.	Ability to communicate effectively to a range of audiences.
I was in charge of a piece of equipment or I set up a research seminar series.	Initiative and self-reliance.









Essential: Identify your skills, sell & present them

- Which are your skills, which motivate you?
- · Explain them using examples, translate specialized skills and interests into "everyday language"

Example: Teaching

- · Developed and delivered presentations on variety of complex topics in psychology for audiences ranging from 25-100 people
- Supervised 50 students working on lab-based research projects
- Chaired group discussions that reached consensus on changes in curriculum

What should I do? equivalents to research project

"Research objective": Identify job opportunities

- · Self-awareness "own preliminary work"
- Skills & capabilities the ones you like
- Your preferences for how a job should be

Job market

- Start analysis "literature review state of the art"
- Identify gaps "research need"
- Define your development plan "research project plan"
 - Which types of jobs? Which (additional) skills / competencies needed? (\rightarrow trainings / courses)

 - Which search agents at which search engines?
 - Which potential employers?
- Execute plan "perform the research project"

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Useful links

- https://myidp.sciencecareers.org/?AspxAutoDetectCookieSupport=1 Individual Development Plan to identify your skills achieved during your research work and find suitable career options to fit your interests
- https://www.science.org/content/article/so-you-think-you-have-skills Very useful Science Careers article about the transferable skills built in research
- https://biosciencecareers.org/ Blog with very interesting information and ideas on career planning for research bioscientists
- https://www.science.org/content/article/careers-away-bench Science Career Booklet with interesting information & career examples
- https://www.science.org/content/resource/career-trends-informed-job-search Science Career Booklet with description of all steps for successful job search
- https://www.science.org/content/article/hidden-talents-hungry-markets-phds-have-many-skills-offer-industry Really encouraging Science Career Article https://www.science.org/content/article/tooling-breaking-free-academia-test-and-quiz Science
- Career Article with what is needed to land a job outside https://www.science.org/content/article/person-european-career-tour-research-research-management Personal real report on moving from academia to research management
- https://www.science.org/content/article/mastering-your-phd-career-management-consulting__Science Career article about how PhD work and skills acquired relate to working in
- consulting
- https://www.science.org/content/article/careers-research-support Science Career article with examples of real people who have moved from research to research support jobs



