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Titolo	Career planning for research bioscientists [[electronic resource] /] / Sarah Blackford
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Descrizione fisica	1 online resource (194 p.)
Disciplina	570.23
Soggetti	Biology - Vocational guidance Career development
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Career Planning for Research Bioscientists; Copyright; Contents; Author's note; Acknowledgements; Chapter 1 Introduction; Who is this book for?; The process of career planning; Helping you with your career planning; Content of the book; How to use this book; References; Chapter 2 Planning your career; The importance of career planning; What is career planning?; Career planning in action; Conclusion; References; Chapter 3 Self-awareness; What is self-awareness?; Knowledge and interests; Skills; Personality; Values; Other contributing factors Practical ways to analyse your 'self' and increase self-awareness1 Skills audit; 2 Personality assessment; 3 Values analysis; Conclusion; References; Chapter 4 The job market; Career sectors; Academic career path; Bioscience- or science-related careers; Careers outside science; Examples of job advertisements; (a) Postdoctoral posts; (b) Tenured academic posts; (c) Research in industry; (d) Science-related jobs in industry; (e) Science publishing and writing; (f) Administration; (g) Management programmes; Analysis of job advertisements; Research (academia); Research and technical (industry)

Science communicationAdministration; General management; Self-employment; Where are the jobs?; Accessing the 'visible' job market; Accessing the 'hidden' job market; Making the most of your network; Conclusion; References; Chapter 5 Enhancing your employability; The changing nature of work; Taking responsibility; Taking a proactive approach; Planned happenstance; Personal and professional development; Practise making funding applications; Attend conferences and meetings; Collaborate; Join/set up a group; Join professional organisations; Engage with social media; Mentoring; Teaching SupervisionEntrepreneurship; Science communication; Voluntary work; Get support; Record your progress; Conclusion; References; Chapter 6 Making applications; Employer perspective; Presenting a professional image; Methods of application; Curriculum vitae; Application forms; Conclusion; Reference; Chapter 7 Successful interview technique; Types of interviews; One-to-one interviews; Telephone interviews; Skype interviews; Panel interviews; Presentations; Interview tasks; Assessment centres and psychometric testing; Interview content: what questions will you be asked?
Junior postdoctoral interviewsSenior postdoctoral researcher/group leader; Non-research posts; Answering the questions; Tackling the 'weaknesses' question; Thinking of questions to ask the interviewer; Preparation; If you are offered the job; If you are not offered the job; Conclusion; Reference; Chapter 8 Decision making and action planning; Careers in research; Other career options; Decision making; Decision-making styles; Taking action; Turning decisions into action; Writing a plan of action; Conclusion; References; Afterword; Appendix 1 Career narratives
Summarised list of career narratives

Sommario/riassunto

Career Planning for Research Bioscientists is an essential careers guide for bioscience doctoral students and postdoctoral researchers. It contains a wealth of information and resources specifically targeted at research bioscientists, with practical strategies to enhance career success in an increasingly competitive job market. Advice on how to write a winning CV together with examples adapted for different jobs is presented, as well as practical exercises to assist with skills analysis and decision making. Profiles of PhD-qualified bioscienstists in a range of professions including

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Titolo	Vascular surgery [[electronic resource]] : basic science and clinical correlations / / edited by Rodney A. White, Larry H. Hollier
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ISBN	1-280-19715-3 9786610197156 0-470-98476-7 0-470-98709-X 1-4051-4380-0
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (651 p.)
Altri autori (Persone)	WhiteRodney A HollierLarry H
Disciplina	617.4/13 617.413
Soggetti	Blood-vessels - Surgery Blood-vessels - Pathophysiology Blood-vessels - Physiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Vascular Surgery : Basic Science and Clinical Correlations; Contents; Contributors; Preface; Acknowledgments; I. Vascular pathology and physiology; 1. Embryology and development of the vascular system; 2. Vascular wall physiology; 3. Hemostasis and coagulation; 4. Molecular aspects of atherosclerosis; 5. Localization of atherosclerotic lesions; 6. Pathogenesis of arterial fibrodysplasia; 7. Physiology of vasospastic disorders; 8. Buerger's disease; 9. Ergotism; 10. Arteritis; 11. Adventitial cystic disease; 12. Entrapment syndromes; 13. Intimal hyperplasia; 14. Thoracic outlet syndrome 15. Aneurysmal disease16. Pathophysiology of renovascular hypertension; 17. Pathophysiology, hemodynamics, and complications of venous disease; 18. Physiologic changes in lymphatic dysfunction; 19. Physiologic changes in visceral ischemia; 20. Natural history of atherosclerosis in the lower extremity, carotid, and coronary circulations; 21. Neurologic basis for sympathetically maintained pain:

causalgia and reflex sympathetic dystrophy; 22. Compartment syndromes physiology; 23. Physiology of reperfusion injury; 24. Cerebral ischemia; 25. Pathophysiology of spinal cord ischemia 26. Vascular erectile dysfunction: mechanisms and current approaches27. Portal hypertension: pathophysiology and clinical correlates; II. Noninvasive vascular diagnostics; 28. Physiologic basis of hemodynamic measurement; 29. Spectral analysis; 30. Ultrasound imaging; 31. Radionuclide scanning; 32. Computed tomography; 33. Magnetic resonance imaging; III. Invasive vascular diagnostics; 34. Angiography; 35. Intravascular ultrasound; 36. Angioscopy in peripheral vascular surgery; IV. Medical management; 37. Atherosclerosis: risk factors and medical management 38. Pharmacologic intervention: thrombolytic therapy39. Pharmacologic intervention: vasodilation therapy and rheologic agents; 40. Pharmacologic intervention: lipid-lowering agents; 41. Infections and antibiotics in vascular surgery; V. Endovascular interventions for vascular disease; 42. Catheter-based approaches to the treatment atheroembolic disease; 43. Balloon angioplasty and transluminal recanalization devices; 44. Endovascular stents; 45. Endovascular prostheses for repair of abdominal aortic aneurysms; VI. Comparison of conventional vascular reconstruction and endovascular techniques 46. Surgical and endovascular treatment of chronic ischemia of the lower limbs47. Aortoiliac endovascular recanalization compared with surgical reconstruction; 48. Endovascular stent-graft repair of thoracic aortic aneurysms and dissections; 49. Brachiocephalic vascular reconstructions compared with endovascular repair; 50. Carotid endarterectomy compared with carotid angioplasty and stenting; 51. Endovascular intervention for venous occlusion compared with surgical reconstruction; Index; Colour plate section

Sommario/riassunto

This second edition of a very successful vascular surgery text was developed in order to address significant changes that have occurred in contemporary vascular surgery and to highlight new information that has developed regarding vascular imaging, interventional and endovascular procedures. The overall length of the text is slightly shorter than the first edition with relevant core chapters being retained to emphasize the basic science nature of the text, with approximately 60% of the material undergoing major revisions or being new chapters. The significant change from the first text