Physics & Astronomy
MPhys Welcome!

Susan Bird
Careers Consultant
What we can do

• Employers and graduate jobs  www.ed.ac.uk/careers/mycareerhub
• Talks, events and workshops – including employer sessions, CVs, interviews, assessment centres, LinkedIn, Careers Fairs  www.ed.ac.uk/careers/mycareerhub > events
• Self-help materials including quick guides on CVs and interviews:  www.ed.ac.uk/careers/application-interview-advice
• Information on different options, further study, working abroad  www.ed.ac.uk/careers/your-future
• **Work with you to identify strengths & skills, understand values & motivation, explore options & build experience**
• Support job search and CV, application & interview advice and feedback
Physics students are often active in…

- Student representation
- Peer mentoring (PhysicsPALs, MathBuddies)
- Part-time work (all types)
- Volunteering
- Caring responsibilities
- School ambassador (Open Days)
- Enterprise/small business
- Co-ordinating disability support

- Media (blogging, student radio/newspaper, regular podcasts)
- Society committee positions
- Small conference/event planning
- Extra research projects & competitions
- Sports and social clubs
- Science communication & outreach
- Exchanges abroad

#ExperienceWorks
The Edinburgh Award

Careers Service versions open for applications now:

- Work Experience
- Enterprise

www.ed.ac.uk/careers

full list of Edinburgh Award activities here:
www.ed.ac.uk/edinburgh-award/activities
IBM Universities Business Challenge (IBM UBC) SoPA successes

www.ubcworldwide.com
<table>
<thead>
<tr>
<th>Special effect / film</th>
<th>Avionics</th>
<th>Nuclear</th>
<th>Renewable energy</th>
<th>Science writing/technical author</th>
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<tbody>
<tr>
<td>Air traffic</td>
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<tr>
<td>Computer games design</td>
<td>Oil &amp; gas</td>
<td>Nanotechnology</td>
<td>Astronomy</td>
<td>Science communications</td>
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<tr>
<td>Pharma R &amp; D</td>
<td>Space exploration industries /satellites</td>
<td>Optics/photonics</td>
<td>Environmental physics</td>
<td>Education &amp; outreach</td>
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<td>Meteorology &amp; climate change</td>
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<tr>
<td>Food and drink (soft matter) R &amp; D</td>
<td>Telecommunications</td>
<td></td>
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<td>Academic Research</td>
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<td>Non-academic roles in an academic environment – recruitment, facilities, researcher development, communications...</td>
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<td>Software engineering</td>
<td>Laser technology</td>
<td>Instrumentation Research &amp; Development (R&amp;D)</td>
<td>Medical physics/medical imaging</td>
<td>Technology consultancy</td>
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<tr>
<td>Programming</td>
<td>Engineering</td>
<td>Data scientist</td>
<td>Technology solutions / designs / R &amp; D</td>
<td>Actuarial</td>
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<td>Fire engineering</td>
<td>Data analyst</td>
<td></td>
<td>Patent attorney</td>
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<tr>
<td>Sports technology manufacturing &amp; software</td>
<td>Market research (science/healthcare)</td>
<td>Instrumentation sales &amp; marketing</td>
<td>Management consultancy</td>
<td>Finance / banking / investment</td>
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<td>Business analyst</td>
<td>Financial modelling/forecasting</td>
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Inspiring futures
Previous graduates

- Scientist, WRC
- Acoustic engineer, AECOM
- Systems & electro-optical engineer, Thales
- Systems engineer, Leonardo
- QA consultant, Astron Chemicals
- Data science consultant, First Derivatives
- Software engineer, Bloomberg
- Business & integration architecture analyst, Accenture Tech Solutions
- Software developer, Civil Service
- Medical physicist, NHS
- Patent examiner, IP Office
- Clinical scientist, NHS
- Operational meteorologist, Met Office
- Business consultant, BAE Systems
- Data analyst, BT
www.ed.ac.uk/careers/occupations

To raise your awareness of areas including:

• Scientific research & analysis
• Environment & energy
• Patent work
• Management consultancy
• Public services & policy work
• Education
• Statistical services & data analysis
• Publishing & writing

Plus our blog https://blogs.ed.ac.uk/careersinformed/
Postgraduate research & study

PhD in:

• Soft Matter
• Cosmology
• Environmental Research
• Electronic & Electrical Engineering
• Bioscience
• Mathematical Genomics & Medicine
• Neuroscience

MSc / Diplomas in:

• Maths
• Space Exploration
• Econometrics
• Audiology
• Fusion Energy
• Photonics
• Sport Policy & Management
You can:

• Be focussed…
  • make the most of our events & workshops
  • research using our online resources (website and MyCareerHub)
  • discuss your options and plans with a Careers Consultant

• Be prepared…
  • **understand yourself, your skills, experiences and motivations**
  • use our online resources to help you prepare
  • make time to plan your next steps

• Be ready to confidently take your next steps
www.ed.ac.uk/careers > quick links > school pages

http://www.ph.ed.ac.uk/current-students
Work experience in the School of Physics & Astronomy

Posted on September 9, 2019

The School has some great opportunities, open to undergrad and MSc students:

Student Ambassador (paid) – 6 vacancies, closing date 15 Sep

Communications Rep (paid) – 2 vacancies, closing date 15 Sep

Physics Outreach Team Volunteers – 10 vacancies, closing date 22 Sep

SpaceX & HypED in Los Angeles

Great blog post from physics students Enrique Cervero and Hamish Geddes – members of the Edinburgh University Hyperloop Team (HypED).

Want to know more about the space sector? Check out the Careers Service resource: Your Future in the Space industry

Featured employers: Edinburgh Graduate Recruitment Fair

Physicists fit really well into what we do. They seem to have the right skill set of scientific thinking, problem solving and data interpretation.

Jonny Press, Director, AquaQ Analytics

From Mathematical Physics to MThree Consulting

Tim Woolins, Mathematical Physics graduate, University of Edinburgh
What’s happening this semester?

• Top tips: Applications (23rd September)
• Top tips: CVs (30th September)

• Prepare for the Fair (3rd October)
• Careers Fair (8th and 9th October) including Newtyne on 9th
• Careers Fair: Third Day (10th October)

• Top tips: Interviews (21st October)
• Go Abroad Fair (23rd October)
• Regular employer presentations & workshops including:
  Government Operations Service 24th, Arup 3 Oct, CERN 17 Oct,
  Metaswitch 22 Oct, Newton 31 Oct,

This is just a small selection – full list & signup on MyCareerHub!

Inspiring futures
Top things to do in MPhys year

• Listen to our Top Tips webinars on CVs, application & interviews

• Listen to “Prepare for the Fair” - short online session 3 Oct to get the most out of it

• Come to the Careers Fair, different employers each day, interested in you

• Do you know enough about your options to consider them equally – and make informed decisions? Review your experience so far & start thinking about next steps

• IBM Universities Business Challenge – be part of a SoPA team
Keep in touch

- Facebook: [www.facebook.com/EdinburghCareersService](http://www.facebook.com/EdinburghCareersService)
- Twitter: [@uofedcareers](https://twitter.com/@uofedcareers)
- Careers Service Blog: [https://blogs.ed.ac.uk/careersinformed](https://blogs.ed.ac.uk/careersinformed)
- Physics & astronomy careers blog: [edinburghphysicscareers.wordpress.com](http://edinburghphysicscareers.wordpress.com)
- Ask a question on MyCareerHub or email: [careers@ed.ac.uk](mailto:careers@ed.ac.uk)
- SoPA drop-in - by the Magnet café – Thursdays 12 – 1.30pm

Find us at Murchison House @ KB & 3rd floor, Main Library Building, George Square