Physics & Astronomy
UG 2 Welcome!

Susan Bird
Careers Consultant
What we can do

- Employers, part-time jobs & internships [www.ed.ac.uk/careers/mycareerhub](http://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](http://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](http://www.ed.ac.uk/careers/application-interview-advice)
- Information on different options, further study, working abroad [www.ed.ac.uk/careers/your-future](http://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

Inspiring futures
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](http://www.ed.ac.uk/careers)

full list of Edinburgh Award activities here: [www.ed.ac.uk/edinburgh-award/activities](http://www.ed.ac.uk/edinburgh-award/activities)

Inspiring futures
Employ.ed on Campus

- At least 50 internships
- Open to 2nd, 3rd and penultimate year UGs
- Full-time and part-time for 10-12 weeks in the summer vacation
- Well-paid, around £10 per hour
- Edinburgh Award
- Optional summer workshops to help you make the most of it
- Advertised from February, start date in June

Insights Programme

- Advertised mid Semester One
- 1 week in a global city or 2-5 days in a local company
- Meetings, tours, small projects, presentations
- Receive full funding
- Eligible students will receive an invitation to apply
IBM Universities Business Challenge (IBM UBC) SoPA successes

www.ubcworldwide.com
<table>
<thead>
<tr>
<th>Field</th>
<th>Special effect / film</th>
<th>Avionics</th>
<th>Nuclear</th>
<th>Renewable energy</th>
<th>Science writing/technical author</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer games design</td>
<td>Oil &amp; gas</td>
<td>Nanotechnology</td>
<td></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>Meteorology &amp; climate change</td>
<td>Education &amp; outreach</td>
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<tr>
<td>Food and drink (soft matter) R &amp; D</td>
<td>Telecommunications</td>
<td></td>
<td>Academic Research</td>
<td></td>
<td>Non-academic roles in an academic environment — recruitment, facilities, researcher development, communications...</td>
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<tr>
<td>Software engineering</td>
<td>Laser technology</td>
<td>Instrumentation Research &amp; Development (R&amp;D)</td>
<td>Medical physics/medical imaging</td>
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<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>
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<td>Actuarial</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>
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<td>Finance / banking / investment</td>
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<td>Business analyst</td>
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<td>Financial modelling/forecasting</td>
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</tbody>
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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/](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

Inspiring futures
You can:

• Be curious…
  • come along to our events & workshops
  • explore our online resources (website and MyCareerHub)

• Be inspired…
  • by our alumni stories
  • by our social media posts and blogs

• Get involved….
  • with co-curricular and extra-curricular
  • from day 1 - it’s never too early to start exploring!

• Be confident you can get there even if you’re not sure where you’re going yet
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

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

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

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)
- Careers Fair: Third Day (10th October)
- Top tips: Interviews (21st October)
- Go Abroad Fair (23rd October)
- Regular employer presentations & workshops including: Arup 3 Oct, CERN 17 Oct, Metaswitch 22 Oct, Newton 31 Oct

This is just a small selection – see the full list on MyCareerHub!
Top things to do in Year 2

• Try some employer events and the IOP website just to discover what’s out there

• Come to my CareerLab on building work experience 2\textsuperscript{nd} Oct

• Review your experience so far with us and plan something for next summer

• 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](http://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

Inspiring futures