

# Alison Robinson

Alison is a strategic research manager at the University of Strathclyde and supports academic researchers at the cutting edge of their field to gain research funding.

She is a chemical biologist by training having gained her PhD at the University of Glasgow and then went onto a further research position at Harvard University in the lab of Professor Stuart Schreiber. Alison was encouraged to study science by her high school chemistry teacher who told her she could get a good job in a man's world.

Alison also has an interest in the equalities, diversity and inclusion agenda in the research environment and is currently researching funding patterns through a gender lens.



# Anjana Khatwa

Ever since I was a child I have loved science and was utterly desperate to be an astronaut at NASA!

After walking across an ancient lava flow whilst on holiday in Kenya when I was 13 years old, I decided I wanted to spend my life studying the Earth and how it was made.

For the last 20 years I have worked as an Earth Scientist, helping audiences of all ages and backgrounds learn about the incredible stories about our planet that are locked inside rocks and fossils.

On this special day, I want girls across the world to know that their ambitions and dreams are achievable; that you will break down barriers as I have done and you will be rewarded with a career that is full of adventure and challenge.



# Antonia Ho

I am an infectious diseases doctor and researcher at the University of Glasgow.

I study how respiratory viruses, such as influenza and coronavirus, affect people, as well as best ways to diagnose and manage patients with respiratory viral infections.

I love my job as it involves developing new knowledge which is exciting, and it has taken me all over the world.



# Carla Suci

Carla is a recent graduate from the University of Glasgow and is currently studying towards a Masters in Science Communication.

She is also the lead of the Glasgow branch of ScienceGrrls, a group dedicated to promoting women in STEM.

Carla has a passion for helping promote diversity and encouraging inclusion in STEM. She believes STEM should be accessible for everyone, no matter their background, ability or socioeconomic barriers.



# Claire Donald

Claire is a virologist (a virus biologist) working at the University of Glasgow.

She is interested in viruses which are spread by mosquitoes, such as Zika virus.

Her work involves understanding how these viruses interact with the immune systems of both humans and mosquitoes and how they cause disease.

Claire also really enjoys engaging the public with science and developing interactive STEM activities.

She is part of a team which developed an award winning project delivering STEM activities to Girl Guide groups and is a member of the Glasgow chapter of ScienceGrrl.



# Dee Lawlor

I'm Dee, 35, and I work as a Science Writer.

My first book was published last year and I write articles on a range of STEM topics.

I love being out in nature, so this year I'm hoping to spend a bit more time away from my desk.





# Divya M. Persaud

I'm a planetary scientist, writer, and composer in the final year of my Ph.D. at UCL's Mullard Space Science Laboratory, where I'm figuring out ways to use 3D images to study the surface of Mars.

I use images taken of Mars from space of where the Curiosity rover is exploring, use computer programs to make 3D models, and then visualize them in different software to understand this area and make geological observations.

I'm also a really active writer and classical musician, and am currently working on a book and my second album!



Dr Eilidh Ferguson is a lecturer in Anatomy at the University of Glasgow.

She teaches students across medicine, dentistry, nursing, and life sciences.

Eilidh trained as a forensic anthropologist and has been involved in casework in both in the UK and Internationally.

She has spent time living and working in Hawaii, where she was involved in identifying American military personnel missing during the Korean War (1950-1953).



# Elaine Emmerson

I am a UKRI/RCUK Innovation Fellow and research group leader at the MRC Centre for Regenerative Medicine at The University of Edinburgh.

Myself and my group are working to regenerate the salivary glands in head and neck cancer patients suffering with salivary dysfunction and chronic dry mouth as a result of radiotherapy.

We aim to understand how signals of the niche, or the cellular microenvironment, regulate the behaviour of stem cells and inflammatory cells during and after salivary gland injury.

The group's ultimate aim is to develop therapeutics to regenerate injured salivary gland in head and neck cancer patients, which would greatly improve quality of life. In addition to my scientific role, I am also the Academic Lead for public engagement for the University's Institute for Repair and Regeneration.



# Elisabeth Kugler

Elisabeth studies cardiovascular development and disease using zebrafish as a model organism.

She uses state-of-the-art fluorescence microscopy and develops biomedical image analysis approaches to describe how the vasculature forms and develops.

During her PhD she discovered a novel endothelial cell novel cell membrane behaviour termed kugeln.

# Emma Woodham

I'm Emma and I'm the Climate Change Programme Manager at Glasgow Science Centre (GSC).

I'm passionate about our mission to improve people's lives and the communities they live in through engagement with STEM.

I enjoy working with lots of partners, as well as all the great staff at GSC to create relevant and engaging opportunities for people of all ages and backgrounds to engage with STEM.

I'm looking forward to the United Nations Climate Change conference coming to Glasgow in November, and creating opportunities for people to take action on Climate Change





# Esther Odekunle

My name is Esther Odekunle, I did my Bachelors in Biochemistry and have a PhD in Neurobiology.

Currently I work as a senior scientist at the pharmaceutical company GlaxoSmithKline where I focus on engineering antibodies to increase their developability.

Outside of my job I am passionate about highlighting the contributions diverse people in STEM have made to the world we live in today.

# Holly Vickery

I am a second year PhD student and Graduate Teaching assistant in Animal Science at the University of Reading.

My PhD is looking at the behaviour and welfare of goat kids during the milk feeding stage and weaning transition! I love working with animals, trying to understand why they do what they do, and improve the way that we look after them - for both the animals & farmers.

The Women in STEM campaign is such a great opportunity to raise the visibility of the wide range of careers and opportunities that are available within STEM.

I was really lucky to have incredible women mentors during my undergraduate degree, without them I would never have realised that little old farm girl me could do a PhD!



# Jennifer Paxton

I'm Jennifer, a lecturer in anatomy at the University of Edinburgh where I teach medical and sciences students about the amazing human body.

I also run a Tissue Engineering research laboratory where we are investigating ways where we can grow new body tissues in the lab for implantation into patients after injury or disease.

I really enjoy engaging the public with my interests and I've recently published a book called 'Anatomicum' which takes the reader on a journey through the human body.

I've also been part of a successful Royal Society Partnership Grant with a local primary school where we investigated the science of Tissue Engineering in the classroom.





# Katrina Wesencraft

Katrina is a 3rd year PhD student who studies optical imaging and healthcare innovation.

She's using a giant microscope called the Mesolens to improve experimental cell therapies for type 1 diabetes.

She loves writing and is the Strathclyde editor in chief of theGIST, one of the biggest student-run science media outlets in the UK.

To de-stress, Katrina took up aerial acrobatics last year. She may or may not be running away to join the circus.

A central illustration of a woman's face with short brown hair and a gentle smile. Surrounding her are several hand-drawn icons: a calendar with the word 'CALENDAR' at the top, a telephone handset, and several small, pill-shaped objects, some with arrows indicating movement. The name 'Kirsty Ross' is written in large, bold, yellow letters to the left of the woman's face.

# Kirsty Ross

Kirsty is an outreach officer for the Centre for Doctoral Training in Optical Medical Imaging at Universities of Strathclyde and Edinburgh, as well as a Public Engagement Officer for the University of St Andrews.

Her job is a Smorgasbord of different bits and pieces, but mainly boils down to encouraging and training researcher to engage diverse audiences outside of the universities.

Kirsty gets to do lots of fun stuff and loves watching audiences experiencing those "wow!" moments as the penny drops and the answer becomes clear

# Lilach Sheiner

I'm Lilach Sheiner, a Royal Society of Edinburgh Personal Research Fellow and a research group leader at the Wellcome Centre for Integrative Parasitology at the university of Glasgow.

My team studies the biology of the parasites causing toxoplasmosis and malaria.

Our work focuses on the “cell power house” the mitochondrion, and seeks to understand how and why is the parasite mitochondrion different to human mitochondria.

The knowledge we create helps other explore new avenues for drug discovery.





# Maria Larriva Hormigos

I was born and raised in Madrid, in Vallecas and I hold a PhD in Chemistry.

I studied how proteins fold in amazing 3D structures using really simple computational models but then I got obsessed about what happens when they don't fold in the correct way.

The fact that chronic stress might play a role in misfolding diseases like Alzheimer disease literally blew my mind.

After a few years looking into that, I came to St Andrews in 2014 to focus on the "not that bad" side of the stress response. And this is what I have been doing for the last 6 years, I study how birds cope with stress and how this mechanism is regulated at a molecular level.

# Mari Pattison

My name is Mari and I've been a flow cytometry technician within the QMRI Flow Cytometry and Cell Sorting Facility within The University of Edinburgh for over 3 years – I have an undergraduate degree (Immunology BSci) from The University of Glasgow, and I also have a PhD in ageing immunology from The University of Edinburgh.

I love my job because I get to specialise in a major technique which has lots of interesting fields within it (spectral, mass & imaging cytometry to name a few!), I get to meet lots of different people (facility users range from undergrad students to PIs!) and enjoy being able to help them generate high quality data.

When I'm not in the lab I'm at the gym lifting weights, at home reading a fiction novel, or out walking somewhere out the city!





# Niki Khan

I am a Research Fellow at the University of St Andrews, in the Department of Psychology and Neuroscience, though I am really a zoologist!

I grew up in Fiji, where I saw first-hand the impacts of climate change and human disturbance on wildlife populations.

From there, my research interest developed into the effect of environmental change on life-history variation; I primarily work on birds, but have worked on a range of other species, such as Tasmanian devils and lobsters.

My research can be broadly categorised into overlapping areas: 1. how environmental change affects animal physiology and behaviour, particularly in relation to stress and reproduction; 2. how the maternal environment influences offspring phenotype and development, 3. how we can use this information to improve animal welfare in captive settings.

# Sarah Cosgriff

Sarah works with schools to help them address the barriers that stop students from choosing physics.

She immigrated to the UK with her Filipino and Australian parents when she was 5 years old.

As she's gotten older she has tried to connect more with her Philippine heritage such as learning Tagalog and learning how to cook dishes.

In her spare time she likes reading feminist books, collecting pins and occasionally does stand up comedy.



# Vaila Ann Leask

My name is Vaila Leask, I am currently a student at the University of Strathclyde completing my final of a 5-year integrated master's degree in physics at CERN.

I have been here since June 2019 and my work is mostly based on working with a narrow-linewidth diamond Raman laser for spectroscopy applications with the Resonance Ionization Laser Ion Source team at the ISOLDE facility here.

Aside from working with lasers I am interested in scientific outreach and have done previous work with Strathclyde that revolves around this.



# Yalinu Poya

Hello everyone, my name is Yalinu Poya and I come from the beautiful Pacific Island nation Papua New Guinea.

I am a PhD researcher in Chemistry at the University of Glasgow and my focus is on Heterogeneous Catalysis.

I work on making catalysts for ammonia production to be used in the manufacture of synthetic fertilizer.

The importance of my research is that it can contribute towards fulfilling 5 of the U.N. Sustainable Development Goals, Goals 1, 2, 7, 9 and 13.

Chemistry is not just limited in the lab, it can extend towards solving some of our problems with exciting real world applications.



# Zoë Davidson

Zoë is a final year Physics PhD student at the University of Strathclyde researching the ultrafast evolving dynamics in laser-plasma interactions coupled to particle acceleration, she's been the only woman in her research group for the majority of her PhD.

Zoë is a first-gen student from a single parent background, and lives with an invisible condition. During her PhD, Zoë became committed to learning about, and trying to improve, accessibility and inclusion in Physics.

She has taken up many outreach and EDI opportunities—some of which include: IOP Girls into Physics initiative, “Draw a Scientist” primary school activity, STEM Equals launch, team member of WiSPA and EDEI, launching “Physics, we need to talk about...” events, and “Meet a WiSPA” poster campaign to improve visibility of Women in Physics.

She also recently published her first article on EDI in academia, in The GiST.

Zoë is looking forward to finishing her PhD soon and going on to pursue a career in Medical Physics, while continuing to advocate for EDI.



# Áine O'Brien

Áine is a Planetary Science PhD Student at the University of Glasgow.

Her research focuses on searching for life on Mars. Specifically, she uses lasers and X-rays to fire at tiny pieces of Mars (from martian meteorites) to look for complex carbon-based molecules, since life on Earth is made of carbon.

She is trying to figure out where Mars got its carbon from, and what it looks like, to figure out if the conditions were ever right for substances like amino acids (which make up DNA) to form.

This will help the upcoming Rosalind Franklin ExoMars rover understand what its looking at when it arrives on the red planet in 2021. Áine is also a keen advocate for diversity and inclusion in the space sector, she organised 'Diversity in Space Careers' in 2018, at the Royal

Astronomical Society in London, and is co-lead for a nationwide ExoMars outreach project: Roving with Rosalind, to help school pupils engage with ExoMars in the classroom.



# Beth Probert

I'm Beth, an Astrophysics graduate turned software engineer!

I help to build software that keeps people safe and machines operating smoothly for millions of hours.

Before going to university, I had never coded in my life. Now, I spend every day solving complex puzzles and problems using my programming skills, and I absolutely love it!



A portrait of Dr. Claudia Antolini, a woman with long dark hair, wearing a dark blazer over a black top. She is smiling slightly and looking towards the camera. The background is dark with some horizontal white lines. On the left side, there is a colorful, abstract graphic resembling a galaxy or a nebula.

# Dr Claudia Antolini

Claudia has a PhD in astronomy and two MSc degrees in astrophysics and space science.

She now works as a science communicator in the UK after having travelled the world. She studied the history of the Universe and how to study the physics behind the expansion of the Universe.

She loves talking about astronomy and physics with everyone and coming up with ideas to show the science hiding behind the everyday things we all do!

# Leila Shelley

My name is Leila, I'm a Medical Physicist at the Edinburgh Cancer Centre, specialising in Radiotherapy.

Here, we design bespoke plans for each patient to zap their tumour with radiation whilst keeping the healthy organs safe.

I recently completed my PhD which looked into how modelling organ motion during treatment might help us to reduce the side effects that some patients may experience after treatment.

Outside of work, I like to roam hills and beaches with my Goldendoodle, Alf.



# Lucy Thomas

Hi, I'm Lucy (she/her), and I am a first-year PhD gravitational wave astrophysicist at the University of Birmingham, UK.

I work on models of gravitational wave signals from binary compact object mergers (black holes and neutron stars), and make use of real data from LIGO signals to test them.

In my spare time I love to sing and I have two cocker spaniel puppies!





# Maisie Keogh

My name is Maisie Keogh and I am a doctoral researcher at the University of Strathclyde in the department of Biomedical Engineering.

Currently, the focus of my work is combining biomechanics, motion capture and digital technologies to develop innovative ways to aid in the clinical rehabilitation process of stroke patients, children with cerebral palsy and amputees.

I am so proud of the research that I am carrying out as it will go on to help millions globally and make a real difference to people's lives.

Science is my passion and I am incredibly lucky to have been supported by so many talented female scientists and engineers, all of whom have inspired and motivated me to achieve.

My success is also yours. Happy International Day of Women and Girls in Science!



# Paloma Rodriguez-Sevilla

Paloma Rodriguez-Sevilla is a doctor in Physics. During her PhD at the Universidad Autonoma de Madrid in Spain, she studied the use of optical trapping of upconverting particles for biological studies.

Currently, she is studying the dynamics of exotic optically trapped particles at the mesoscale as a research fellow in the University of St Andrews.



# Tana Joseph

Dr Tana Joseph is a South African astronomer.

She studies double star systems containing black holes using telescopes on the ground and in space.



# Camilla Penney

Camilla Penney is a Junior Research Fellow in the Earth Science Department at Queens' College Cambridge.

She studies how Earth's continents move using satellite images, earthquake waves and rocks, and is particularly interested in how we can use geoscience to reduce deaths in earthquakes.

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# Marysia Tarnowska

I'm a chemistry post-graduate researcher at the University of Nottingham working on supramolecular structures, in particular triple-decker handcuffs.

I think my chemistry is really cool, but alongside that I also enjoy supporting and helping others; I'm the PhD course representative and a member of the Women in Chemistry Group at my university.

I am also involved in teaching and outreach activities and in my free time I like to sing.



# Carolyn Saund

I am so lucky to be a PhD student so I get to spend my days wondering: how it is humans are so good at social interaction, and how can we make robots better at it?

I look at the way we communicate our thoughts through gestures by measuring very precise movements people make, and map those movements to what that person is thinking and saying using machine learning.

Then, I try to reverse-engineer that process to create artificially intelligent agents that can gesture to communicate information, just like we humans do. And life at the University of Glasgow is full of inspiring, funny, creative people, who are always keen to support and collaborate with me.





# Cordelia Roberts

Hi name is Cordelia.

I'm first year PhD student at the Marine Biological Association in Plymouth. I am really interesting in identifying the role of fungi in the marine environment, which are currently overlooked when considering marine micro-organisms. I'm particularly interested in how they might play a role in the biological carbon pump by how they interact with particulate matter like marine snow in the deep ocean.

This combines a lab and environmental sampling approach, so I get to spend time at sea!

I'm also pretty fierce for twitter and encouraging everyone to get into science no matter who you are. Last year I began a podcast called 'The Viral Teaspoon' which is a podcast current issues in marine science, what life is like as a research student (and how to get over that fearful imposter syndrome!)

# Cristina Legido Quigley

Cristina Legido-Quigley heads Systems Medicine (Steno, Copenhagen) and is an Assoc. Professor in Chemical Biology at King's College London.

She works in the interface between chemistry and medicine.

She is an expert in detecting thousands of molecules in order to understand disease, to design diagnostics and treatments.

One of her projects is detecting molecular crosstalk in the liver and the brain in the Generation Scotland cohort to study cognition and healthy aging.





# Ginny Smith

I'm Ginny, and I'm a freelance science writer and presenter. After studying Psychology and Neuroscience at the University of Cambridge, I spent a few months working as a research assistant, but then decided academia wasn't for me. Through volunteering with various organisations, I moved towards a career in Science Communication instead.

Since then, I have developed a range of science shows about the brain, which my presenters and I take to schools, festivals and events in the UK and internationally. I teach at the University of Cambridge's Institute of Continuing Education, and make the Psych Crunch podcast for the British Psychological Society. I love presenting on screen, and am a regular on the Cosmic Shambles Network (who also host my blog). You can also find me on YouTube as Ginny Smith Science!

Having co-written four science books for DK publishing, I am currently working on my first solo book, about how brain chemistry impacts our lives, which will be published in early 2021. I also use my experience in science communication to train researchers in using storytelling to connect with diverse audiences. I love that my job means I am always talking to fascinating people, and learning new things!

# Hana Ayooob

Hana is an illustrator, speaker and events producer working in science communication. She's passionate about bringing people together to explore science and the world around them.

Hana studied zoology at university and continues to indulge her interest in weird and wonderful animals by drawing and talking about them.



# Lauren Taylor

My name is Lauren Taylor and I'm in my third year of my PhD at the university of Manchester.

I work synthesising supramolecular architectures, focussing on site specific binding of different transition metals.

In my spare time I like art and design and run a small business making scrunchies.

Beyond chemistry I'm passionate about improving access to higher education for working class people!



# Melody Obeng

Hey! I'm Dr Melody Obeng.

By day, I'm a postdoctoral researcher. My research experience spans from organic synthesis to preparing 3D printed designs as biomaterials. Currently, I'm working on epoxy-based protective coatings at The University of Sheffield.

By night, I'm the co-founder of The Sankofa Book Club. This platform is dedicated to highlighting authors of African descent and discussing topics raised in their diverse writing. Interested? Follow @thesankofabc



# Naomi Mellor

Naomi is a veterinary surgeon whose professional interests are focused on orthopaedic conditions of the equine athlete.

She works for the British Horseracing Authority, where her role partly comprises research and data analysis with the aim of reducing injuries in sport horses in Britain and beyond.

Naomi is particularly interested in the links between human and animal medicine, and is a passionate advocate of both women in sport and women in STEM.

Outside of work, she loves the great outdoors, and if a surfboard, pair of skis or her trail running shoes are involved, all the better.



# Robyn Kiy

I am a 1st year PhD student at the University of Liverpool, researching the effects that mitochondrial variation can have on drug safety.

I believe that inclusion of women and acknowledgement of their achievements is key in driving innovation and success in STEM.

Outside of the lab I enjoy visiting the wide range of bars and restaurants Liverpool has to offer, and running alongside the River Mersey.





# Samantha Durbin

Sam is a mathematician and STEM Communicator and uses the pronouns she/her.

She manages the Royal Institution's Secondary Mathematics Masterclass programme working with contributors across the UK to run a series of workshops for young people, and is one of the co-founders of the Talking Maths in Public (TMiP) conference for other maths communicators.

The best parts of her job are leading workshops for students and helping other mathematicians to share their favourite maths topics.

In her spare time she loves playing board games, doing craft and reading, and has been a Brownie leader since she was 14. Sam is passionate about increasing diversity and equity in STEM and is an intersectional feminist.

# Sara Motaghian

I am a PhD research student working between the Natural History Museum London and Imperial College working on instrumentation for the ExoMars2020 Mission.

Having always had a love for space and the worlds beyond our planet, I studied Astrophysics at the University of Glasgow and on to pursue my PhD in space and planetary science.

I'd love to work on mission and instrument science after I finish my PhD and continue to work in Space exploration.



# Sian Green

I'm a second year PhD student at Durham University and I work with the citizen science project 'MammalWeb', which aims to increase understanding of mammal populations through camera trapping.

Different aspects of my research focus on both how we can engage more people in the project, and also how best to use and analyse the camera trap data produced.

I love that my job involves looking at pictures of animals, and that I get to share it with so many people!

Though I enjoy my work, in the name of maintaining a healthy work-life balance I decided I wanted to learn something new that was completely separate from my PhD and so have started bouldering, I'm still terrible at it but am very much enjoying the challenge!



# Aisling Brady

I'm Aisling Brady (she/her).

I study bacteria! I completed my undergrad in Microbiology at the University of Glasgow, where I'm now pursuing my PhD.

I'm in second year and looking into a "communication" system in bacteriophages, wee viruses that infect bacteria!

Outside of my studies, I've picked up a bit of the running bug! It's great for the head I think. I also love trying funky beers, buying new houseplants and reading Stephen King novels!



# Catarina Marques

I am Cat, and I am a microbiologist that likes parasites.

I work as a scientist at the University of Glasgow, and many people don't know this, but Glasgow (and other places in Scotland) is one of the best places in the world to work in tropical parasites.

I moved here in 2011 to study the parasite that causes sleeping sickness disease, the *Trypanosome*, and how it duplicates its DNA.

I then stayed, worked for a while in Dundee, and recently came back to Glasgow, where I am trying to understand how another parasite, *Leishmania* copies its DNA.

Beside doing research, I like to do outreach and talk to people about science, both the one I do and science in general. I love to read and write, and everything sci-fi.



A close-up portrait of a woman with long, dark, wavy hair, smiling slightly. She is wearing a blue patterned top. The background is a plain, light-colored wall.

# Chelsea Gerada

Hi my name is Chelsea, I recently completed my PhD at the University of Sydney in Australia where I studied the chickenpox virus and the way in which this virus interacts with our immune system.

I am currently working as a postdoctoral research scientist at the Beatson Institute where I study how tumours can become resistant to chemotherapy, to hopefully come up with some new treatment strategies.

Apart from being a scientist I also enjoy playing tennis, cooking and painting. I feel very fortunate to do a job I love, being a scientist has really helped me grow in confidence and resilience.

# Claire Paterson

Claire is a consultant oncologist at the Beatson West of Scotland Cancer Centre in Glasgow.

She treats patients with head and neck (for example mouth, throat and voice box) cancers with radiotherapy, chemotherapy and immunotherapy.

She also researches more effective and kinder treatments for these types of cancer. It's an exciting time to work in this area - with lots of advances in radiotherapy and drug treatments meaning better outcomes for patients.

Claire balances her busy working life with being a mum to her 2 daughters.



# Clarissa Czekster

I'm a biochemist from Porto Alegre, Brazil, and have been in St Andrews for the past 5 years.

My group is working on finding the next generation antibiotics and in understanding how bacteria use chemical warfare to compete and cooperate with each other and with us.





# Dana Seman Bobulska

Dana is a 3rd year PhD student of the Experimental Particle Physics at the University of Glasgow.

She works at the LHCb experiment at CERN trying to discover and study new particles called doubly charmed baryons.

In her free time she likes to travel, read and practise yoga, but most of the time you can find her running or hiking in the mountains (especially in her beloved Scottish Highlands) which is her biggest passion of all.

# Danni Gadd

I'm in the first year of my PhD in Translational Neuroscience and I'm researching links between epigenetics and mental illness.

I wake up every day feeling positive and I've met so many amazing women in science already who inspire me.

I think improving awareness of the challenges of being a mum and having a scientific career is important to keep women in science.

Academia is becoming more inclusive and I'm excited to contribute to this kind of change in the future.





# Donna Hutchinson

Donna is a software engineer at JP Morgan, focusing on automating the deployment of cloud platforms.

She is passionate about encouraging young women and children to explore STEM subjects as she herself focused on business studies before launching her career in technology.

In her spare time, she loves spending time with her dogs and renovating her home.

# Kristy Turner

Kristy has a unique role splitting her time between teaching chemistry in both a high school and university.

She is an active chemistry education researcher, primarily looking at the transition between school and university.

Kristy completed her PhD in synthetic organic chemistry at the University of Glasgow in 2006 and now balances a portfolio of roles including teaching, research, science communication, curriculum and policy work with an added dash of the occasional TV and radio appearance. Her TV credits include Countryfile, Newsround and Back in Time for School.



# Laia Vila-Nadal

My name is Dr Nadal, I am a newly appointed Lecturer at the University of Glasgow.

I combine computational and experimental inorganic chemistry to obtain new materials.

Mainly I work with tungsten and molybdenum molecular metal oxides, although I am also interested in biochemistry



# Leona Baillie

Being a forester is my dream job because I love the mix of practical, hands-on work outdoors and being at a desk.

Forestry is a great sector for anyone who loves nature and wants to make a real difference – we need people to look after our woodlands and make sure we grow new trees in the right places.

From the genetics of tree breeding, to the ecology of woodlands, to engineering timber, there's a huge diversity of jobs relating to trees and forests.

And there are so many women doing brilliant science and turning that science into action – the lumberjack stereotype is long gone!



# Marianne Donald

Meet Marianne, a final year BSc (Hons) UofG Pharmacology student working on her undergraduate project in a mitochondrial-targeted neuroprotective agent in ischaemic stroke.

Marianne spends her free time long distance running on trails, hills and around the wonderful city of Glasgow.





# Miriam Scarpa

Miriam is a 3rd year PhD student in the Institute of Molecular, Cell and Systems Biology at the University of Glasgow.

Her research focusses on the M1 muscarinic receptor as pharmacological target for Alzheimer's disease.

Miriam really enjoys the teaching and outreach sides of her academic career: she works as a lab demonstrator for Biology undergraduates and she hosts the podcast series of her research institute.

Outside of university, Miriam is an active member of the GIST (the Glasgow Insight into Science and Technology) magazine, she dances with the Glasgow Student Dance Company, and she loves spending time watching Netflix with her beloved cats, Sansa and Shadow.

# Mollie McFarlane

Mollie is a second year PhD student in the Centre for Biophotonics at the University of Strathclyde.

Her work is focussed on developing deep-UV LED based microscopy techniques for biomedical imaging.

Mollie is a committee member on the Women in Strathclyde Physics Association (WiSPA), through which she helps to promote the visibility of women in the physics department.

In her spare time, Mollie is an amateur trapeze artist.



# Roxanne Motaghian

My name is Roxanne Motaghian and I am in my fifth year studying MChem Chemistry at the University of Strathclyde in Glasgow.

I am currently working alongside the Cormack Polymer Group researching Molecularly Imprinted Polymers.

I have always loved chemistry and it's such a rewarding feeling being involved in research that could potentially be used to detect small cell lung cancer in patients.



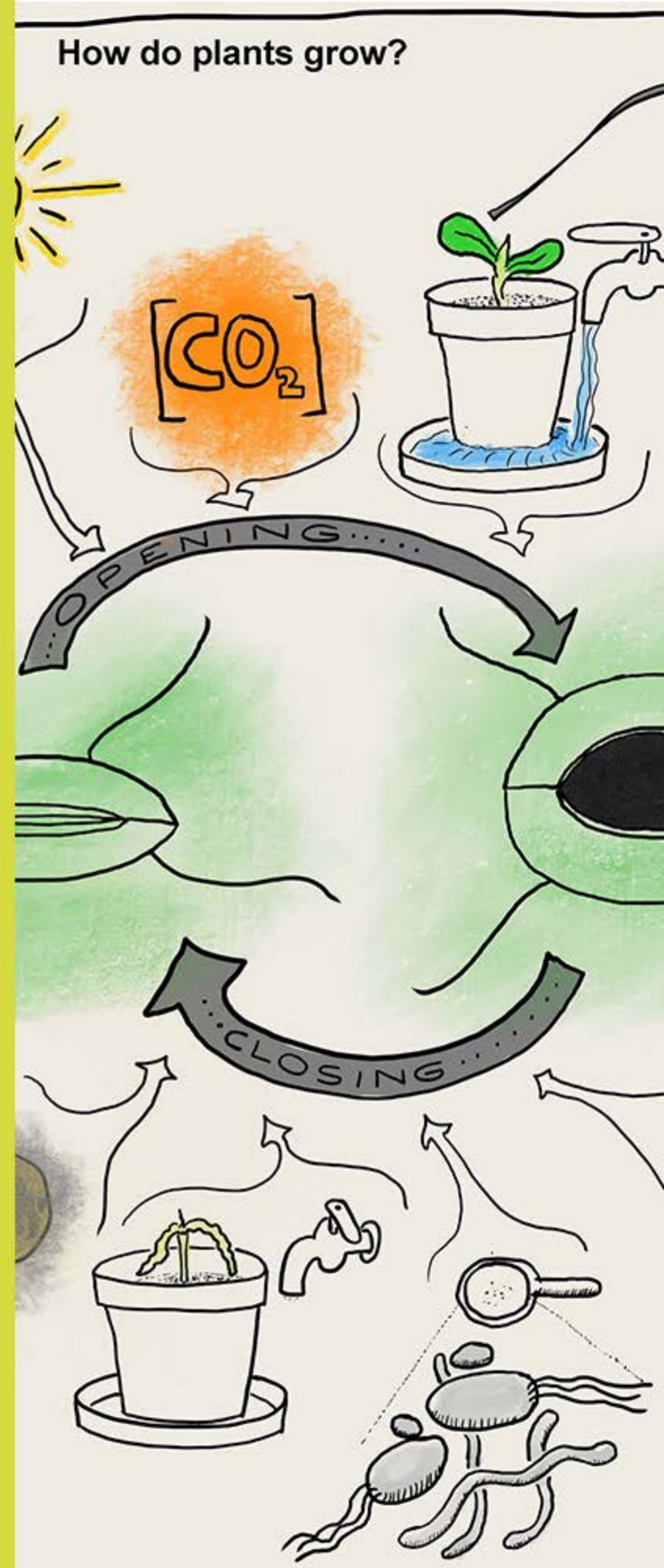
# Rucha Karnik

Rucha Karnik is a Royal Society University Research Fellow at the Institute of Molecular, Cell and Systems Biology in the University of Glasgow.

She is a plant scientist and her research focus is to study how plants grow. To achieve food security in the face of global environment change, it is essential that we improve agricultural crops for efficient growth, nutrient uptake, CO<sub>2</sub> and water utilisation and responses to biotic stresses such as microbial pathogen.

Rucha studies cellular membrane traffic and nutrient ion transport and its impact on the physiology of plant growth in response to environmental stress. Her research uses Arabidopsis and Begonia plants as models.

The Karnik lab leads a multidisciplinary educational outreach project entitled 'StomaToys' to explain through play, the importance of plant stomata in plant pathogen defence.



# Sonya Frazier

Sonya is a final year PhD student at the University of Glasgow researching the pregnancy disorder, preeclampsia - specifically, the genetics of the placenta.

She is also a graduate teaching assistant for the Learning Enhancement and Academic Development Service at the university.

In her spare time, if she's not running, practising yoga, or bouldering, she's travelling around the world - though, for now, she calls Scotland her home.



# Steph Mann



Stephanie is an innovation manager at the Offshore Renewable Energy Catapult. She works with small innovators and finds ways they can test and commercialise their inventions for offshore wind, wave and tidal.

She originally graduated in astrophysics at University, before moving into engineering. She loves the environment and realised that her skills in science could be used to help the planet by working in renewable energy!

Outside of work, Steph enjoys playing games, either table top or role playing games like dungeons and dragons, or computer games like Pokemon and Mario. She also loves Disney, Marvel and Harry Potter, and in fact she even makes YouTube videos on these, and how you can learn science through pop-culture!



# Vandana Ravindran

I am a computational biologist at the MRC-University of Glasgow Centre for virus research funded by the Royal Society Newton International fellowship.

My research focuses on applying mathematical techniques to understand how a virus interacts and hijacks a cell. I enjoy cooking and traveling.

I love Glasgow as the city is vibrant, vivid and has various opportunities in science and technology.

# Zahra Rattray

Zahra is a Chancellor's Research Fellow and Lecturer at the University of Strathclyde Institute of Pharmacy and Biomedical Sciences.

Her interdisciplinary lab is interested in translating cancer research into future medicines.

One particular area of interest is developing better models for predicting how nanomedicines against cancer behave in biological systems.

When not doing science, Zahra designs new activities to promote pharmaceutical sciences to students of all ages and hiking with her son, Tobi.

