

Women in Science

Science • Technology • Engineering • Maths



Festival 2014 1-24 MARCH

Celebrating and supporting women in
science, technology, engineering and maths

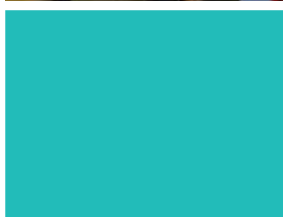
www.womeninscience.org.uk



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#WomenSciFest



A WARM WELCOME TO WOMEN IN SCIENCE FESTIVAL 2014



Welcome to this year's Women in Science Festival, a three week series of events that focuses on positive female role models in science.

I was honoured to be invited to be the first patron of this festival and consider it a privilege to celebrate publically the truly exceptional women we have in science. The Festival is now in its sixth year and has a rich history of events designed to appeal to people of all ages from all backgrounds and interests. There are events that showcase the cutting-edge of research by ground-breaking Scottish scientists and these run alongside fun, drop-in sessions for families and evening talks designed to stimulate and leave us all with something important to think about. The festival aims to engage with as many people as possible and so its diversity expands year on year and now includes craft and even stand-up comedy events.

It is frustrating that even in this modern and enlightened age, women can still be invisible in science and their participation misleadingly portrayed in the media. Ask your children how many women scientists they can name and if they get beyond Marie Curie or Abby Sciuto in NCIS – they are doing really well. Positive and proud portrayal of women in science is at the core of the festival and nowhere is this addressed more appropriately than in the film screenings at the Hannah Maclure Centre.

A further aim of the festival is to offer support to women who are currently working, or have in the past worked, in science related jobs. The festival promotes a positive perspective by celebrating our inspirational role models whilst encouraging new recruits and those who might like to return to the field of science.

The festival starts on the same day as Dundee Women's Festival on 1st March with a panel discussion hosted by the inimitable Val McDermid at the Saturday Evening Lecture Series in Dalhousie Building. Then in the following week we are hosting a lecture by Prof Anne Glover who is Chief Scientific Advisor to the European Commission.

I really am looking forward to all these events immensely and hope you will take the opportunity to explore, enjoy and celebrate this unique festival with me.

Professor Sue Black

Patron of Women in Science Festival

Find out more

Women in Science Festival

www.womeninscience.org.uk

International Women's Day

www.internationalwomensday.com/

National Science & Engineering Week

www.britishtscienceassociation.org

Dundee Women's Festival

www.d-v-a.org.uk

We are proud to be a part of the Dundee Women's Festival taking place from 1st – 24th March 2014.





Professor Sue Black, Alyson Leslie, Professor Niamh NicDaeid & Professor Fiona Raitt: Leading by Influence: Stories from four remarkable women

Saturday 1st March • 6 - 7pm • Drinks reception follows

Dalhousie Building, University of Dundee, DD1 5EH

Free, booking essential

Join these four formidable women for a fascinating evening of debate and discussion led by the international crime writer Val McDermid. They will explore many issues: from their professional drives to gender stereotyping, academic glass ceilings and the motivation behind their work amongst other things. Sue is a world authority on forensic anthropology and human identification, Fiona is a legal authority on trafficking, rape, domestic violence and children's rights, Alyson is an expert in child care inquiries and reviews and Niamh is an international expert in fire investigation and drug analysis.

This lecture takes place in connection with Dundee Women's Festival and International Women's Day. Free tickets for this event are available by emailing events@dundee.ac.uk, www.dundee.ac.uk/tickets, Tower Building Reception or 01382 385564/385108. Please arrive early to avoid disappointment.



Science in the Overgate

Sunday 2nd March • 10am - 5pm

Overgate Shopping Centre, Dundee DD1 1UQ

Free, non-bookable

Take a break from your shopping and find out all about the latest scientific discoveries at this exciting, hands-on event. You'll have the unique opportunity to meet local researchers, get hands-on and learn more about the fascinating maths, biology and forensic research happening on your doorstep! Featuring lots of interactive exhibits and models – fun for all ages!

For more information, contact Jon Urch on (01382) 386669.



Exhibition Mary Lily Walker – Forgotten Heroine of Dundee

Monday 3rd March – Monday 24th March • Open during Central Library hours

Central Library, The Wellgate, Dundee, DD1 1DB

Free, non-bookable

This exhibition provides all sorts of insights into Mary Lily Walker's life and legacy. It contains a plethora of photographs and documents, all of which help us to make the connection between Dundee of her day and our own.

For more information about Mary Lily Walker, please visit www.marylilywalker.blogspot.co.uk



The Life of Elsie Inglis

Monday 3rd - Friday 7th March • 9.30am - 5pm

Menzieshill Community Centre Foyer, Orleans Place, Dundee, DD2 4BH

Free, non-bookable

Elsie Inglis was a Scottish female doctor and Suffragist who lived from 1864-1917. She founded maternity hospitals staffed entirely by women. Come along and see the display and learn more about this exceptional woman. This is a display produced by Helen, one of the members of the Thursday Troupe.



Mary Lily Walker and her Sisterhood

Monday 3rd March • 6.30 – 8.30pm

10 Constitution Rd, Dundee, DD1 1LL

Free, non-bookable

Since the centenary of her death was celebrated in June 2013, residents of Dundee have become familiar with the life story of Mary Lily Walker, Dundee's forgotten heroine. What there hasn't been time to tell are the stories about the women who loved her, supported her work, and joined her in her vision. This event will give us a chance to meet some of those women. The discussion will be led by Suzanne Zeedyk and Pete Kinnear, two of the researchers on the project. It will include readings from actual correspondence of the time and memories written by the women who missed her presence, long after she was gone.



Film Screening Gorillas in the mist • Rated 15

Wednesday 5th March • 2pm

Hannah Maclure Centre, Abertay University, Top Floor, Abertay Student Centre, 1 - 3 Bell Street, DD1 1HP

Free, booking essential

Gorillas in the Mist is based on the autobiographical 1983 book by naturalist Dian Fossey. Before the book could be brought before the cameras, Fossey had been mysteriously killed; her death provides a logical, if somewhat ghoulish climax to the film.

A Kentucky girl, Fossey (Sigourney Weaver) is inspired by famed anthropologist Louis Leakey (Iain Cuthbertson) to devote her life to the study of primates. Traveling into deepest Africa, Fossey becomes fascinated with the lives and habits of the rare mountain gorillas of the Ugandan wilderness. Studying them at close quarters, Fossey develops a means of communicating with the gorillas, and in so doing becomes obsessed with the beasts' well-being. She is so devoted to "her" mountain that she loses the opportunity for a romance with a National Geographic photographer (Bryan Brown). Appalled by the poaching of the gorillas for their skins, Fossey complains to the Ugandan government, which dismisses her by explaining that poaching is the only means by which some of the Ugandan natives can themselves survive. She refuses to accept this, and becomes a militant animal-rights activist, burning down the poachers' villages and even staging a mock execution of one of the offenders.

Please book your free tickets by calling 01382 308324 or emailing exhibitions@abertay.ac.uk



Forensic Crime workshop

Thursday 6th March • 10 - 11am

Menzieshill Community Centre, Orleans Place, Dundee, DD2 4BH

Free, booking essential

Preservation of evidence at the scene of crime is one of the most important things in Forensic Science. There are two main reasons why. First is to ensure the integrity of the evidence and second is to allow effective examination and re-examination of items. Find out what this means and how it is carried out.

To book, phone 01382 432973 or email annette.miller@dundeecity.gov.uk



Dundee Women's Trail

Friday 7th March • 12 - 1.30pm

Start at McManus Galleries, Albert Square, Dundee, DD1 1DA

Free, booking essential

A walk around the city centre remembering notable women of the past. Participants must be able to cope with a 1½ hour walk. Limited to 12 places.

To book, please phone 01382 221545.



An Evening with Prof Anne Glover

Saturday 8th March • 6 - 7pm

Dalhousie Building, University of Dundee, DD1 5EH

Free, booking essential

Prof Glover is the first Chief Scientific Advisor to the European Commission. She provides expert advice on science, technology and innovation to policymakers and the Commission President. From 2006 to 2011 she had been the first Chief Scientific Advisor for Scotland.

Anne is also Professor of Molecular and Cell Biology at the University of Aberdeen, her research interest is in how understanding at a molecular level the way diseases like Alzheimer's and Parkinson's physically affect our bodies. She was awarded a CBE in 2009.

In this talk Anne will discuss her career path and what influenced her decisions in becoming one of the most powerful women in science. She will also discuss the importance of giving both genders equal opportunities to achieve their scientific potential.

Free tickets for this event are available by emailing RevealingResearch@dundee.ac.uk, booking online at www.dundee.ac.uk/tickets, collection at Tower Building and Dalhousie Building Receptions or by phoning 01382 386660. Please arrive early to avoid disappointment.


Film Screening Jurassic Park – The Lost World • Rated 12A

Sunday 9th March • 2pm

Hannah Maclure Centre, Abertay University, Top Floor, Abertay Student Centre, 1 - 3 Bell Street, DD1 1HP

Free, booking essential

Four years after the failure of Jurassic Park on Isla Nublar, it is revealed that there was another island ("Site B") on which dinosaurs were bred. Left alone since the disaster, the dinosaurs have flourished. Keen to study the dinosaurs in their "natural" environment a team of scientists including palaeontologist Sarah Harding (Julianne Moore) is assembled.

A breath-taking action movie and a must-see for dinosaur fans returns to the big screen for this one-off show.

To book your free tickets please call 01382 308324 or email exhibitions@abertay.ac.uk


A Woman in STEM: Never a Dull Moment with Prof Neva Haites

Monday 10th March • 12 - 1pm

SRO events room, Ground floor, Kydd Building, 1 - 3 Bell Street, Abertay University, Dundee, DD1 1HP

Free, non-bookable

Professor Neva Haites OBE is Vice Principal (Development) at the University of Aberdeen. She will discuss her career path in science and reflect on her experiences. She will share her experiences of working in leadership and championing equality agendas for her institution.

Please arrive early to avoid disappointment.


Training Being Resilient in Academia

Tuesday 11th March • 1.30 - 4.30pm

Cernelley Building - Room 2.20, University of Dundee

Free, booking essential

This half-day programme is aimed at women researchers and is a practical course aimed at identifying the activities and situations that cause our resilience to drop and considers short term, situation specific, resilience strategies and longer-term resilience building. It is discursive, practical and reflective in its approach.

To apply for a place on this course, please email opd@dundee.ac.uk or phone 01382 388213.



Film Screening **The Abyss** • Rated 15

Tuesday 11th March • 6.30pm

Hannah Maclure Centre, Abertay University, Top Floor, Abertay Student Centre, 1 - 3 Bell Street, DD1 1HP

Free, booking essential

An American nuclear submarine encounters an alien species, which coincidentally causes massive electrical and hydraulic malfunctions, causing the sub to crash into an underwater cliff and sink. The navy asks the workers of a nearby underwater oil rig who are joined by a number of navy SEALs to locate and investigate the cause of the crash. As the crew embark on their mission, they encounter a number of difficulties and discover that they may not be alone. There is something else down there. Mary Elizabeth Mastrantonio takes the woman-meets-alien model underwater as Dr Lindsey Brigman, a mining rig designer.

To book your free tickets please call 01382 308324 or email exhibitions@abertay.ac.uk



Mary Lily Walker's World - from the Top of the Tower

Wednesday 12th March • 10 - 11am

Top of the Tower, Level 10, Tower Building, University of Dundee, Perth Road, Dundee DD1 4HN

Free, booking essential

For those who are understandably reluctant to brave Dundee streets in March, come and see Mary Lily Walker's world from above. We will meet in the Top of the Tower Café, in the Tower Building of the University of Dundee. Researcher Pete Kinnear will guide you through her world, looking down from the expansive windows of the Café. You can even help yourself to a bacon roll and cuppa, in between questions! Book a place via Karen@suzannezeedyk.com or phone 0845 075 3694



Café Science Extra: From Policy to Plate: Understanding What Our Children Eat with Dr Stephanie Chambers

Wednesday 12th March • 6 - 7pm

Dundee Science Centre, Greenmarket, Dundee, DD1 4QB

Free, non-bookable

For primary school pupils, eating a healthy meal at lunchtime can improve concentration and performance, as well as their diet. This has been recognised by the Scottish Government who have created legislation and a curriculum that support healthy eating in schools. This talk will seek to answer the question – are these policies making our children healthier?

Stephanie Chambers from the University of Dundee will present the findings of her study, in which she asked school pupils to record what they ate over two days. Stephanie also looked at what was happening in cafeterias and interviewed teachers, parents and pupils.

This event takes place in the relaxed atmosphere of Dundee Science Centre's infusion cafe. Everyone is welcome. Please arrive early to avoid disappointment.



What is the Millennial Virtuous Cycle? With Sharon Moore

Thursday 13th March • 1 - 2pm

SRO events room, Ground floor, Kydd Building, 1 - 3 Bell Street, Abertay University, Dundee, DD1 1HP

Free, non-bookable

There are a set of sociological, technological, and economical trends that are having a tremendous impact on how and where technology innovation is taking place. We'll explore the science that makes social successful, the social trends that make business smarter, and the millennial virtuous cycle which will arise in the next five years.

Sharon Moore, IBM's Technical Leader for Social Business and Smarter Commerce, started with social technologies as a way of connecting, now uses them for collaboration and envisages a future where those of us with more grey hairs can easily be left behind. Please arrive early to avoid disappointment.



Science at Fluph's Knit Night

Thursday 13th March • 6 - 8pm

Fluph, 164 Blackness Road, Dundee, DD1 5PQ

Free, non-bookable

There will be a distinctly science flavour to this free drop-in knitting session. Science patterns will be available and knitting scientists will be on hand for a chat.

Would you like to learn how to knit or are you an experienced knitter? If the answer is yes, come along and join us for a knit-in.

For more information contact Leona at Fluph at fluphshop@gmail.com, visit www.facebook.com/fluphshop or phone 01382 386669.



Fife Science Festival

Friday 14th – Sunday 23rd March

Various venues across Fife

All events are free, some events require booking

A celebration of science innovation throughout the Kingdom of Fife, with an exciting range of events for all ages. With exciting events including, Family Fun Days, Talks, Exhibitions, Shows, and Comedy, there is something for everyone to enjoy! All events are free but may need to be booked in advance.

For more information, visit www.fifesciencefestival.org.uk or call 01382 868608.



Magnificent Microbes Family fun day at Dundee Science Centre

Saturday 15th March • 10am - 5pm

Dundee Science Centre, Greenmarket, Dundee DD1 4QB

Normal admission charges apply, booking essential

Magnificent Microbes Family Fun Day will be a chance for families to visit Dundee Science Centre and interact with scientists from the University of Dundee as they lead you through the fascinating world of microbes with exciting hands-on activities and games. Do you know what a microbe looks like? Or which of your favourite foods owe all they are to microbes? Come find out what makes microbes so magnificent with some of Dundee's most engaging scientists!

For more information, contact Dundee Science Centre on 01382 228800 or visit www.dundeesciencecentre.org.uk



Family Fun Day at Dundee Science Centre

Sunday 16 March • 9 - 11.30am / 12 - 2.30pm / 3 - 5.30pm

Dundee Science Centre, Greenmarket, Dundee DD1 4QB

Free, booking essential

Enjoy Dundee Science Centre for free to celebrate the first weekend of Fife Science Festival 2014! See innovative science shows, explore the hands-on exhibition and lots more! Meet food and drinks experts as part of Homecoming Scotland 2014, to celebrate the science and technology behind the Scottish Food & Drink Industry. A great day out for the whole family!

Contact Dundee Science Centre on 01382 228800 to book.

For more information, visit www.dundeesciencecentre.org.uk



Film Screening Thor: The Dark World • Rated 12A

Sunday 16th March • 2pm

Hannah Maclure Centre, Abertay University, Top Floor, Abertay Student Centre, 1 - 3 Bell Street, DD1 1HP

Free, booking essential

Thor (Chris Hemsworth) returns to do battle with Malekith (Christopher Eccleston), the vengeful leader of a primordial race that seeks to destroy the Nine Realms, in this big-budget comic-book adventure set after the events of Marvel's The Avengers. With even Odin (Anthony Hopkins) unable to protect Asgard from the approaching darkness, the god of thunder reunites with astrophysicist Jane Foster (Natalie Portman) and prepares to make the ultimate sacrifice in order to save the world from certain destruction.

To book your free tickets please call 01382 308324 or email exhibitions@abertay.ac.uk



Bright Club Dundee: Women in Science Special

Tuesday 18th March • Doors open 7.30pm, Start 8.30pm

Braes Basement Bar, 14-18 Perth Rd, Dundee, Angus DD1 4LN

£5, booking essential

A fun night of stand-up comedy with researchers from Scotland's leading Universities. Come along to Braes for two hours of laughs and jokes with six performers who will be sharing the funny side of their research, all compered by the hilarious Sian Bevan.

Every Bright Club Dundee show has been a complete sell-out so don't delay and bag your ticket today! Tickets are on sale at the outstanding price of £5 each, so go ahead and book yours quick!

You can book your tickets at www.tiny.cc/BrightClub13, email us at BrightClubDundee@gmail.com or phone us at 01382 386660.



Film Screening Bletchley Circle • Rated 12

Wednesday 19th March • 2 - 5pm

Hannah Maclure Centre, Abertay University, Top Floor, Abertay Student Centre, 1 - 3 Bell Street, DD1 1HP

Free, booking essential

During WWII, men and women working at Bletchley Park played a vital role, breaking the codes used by the German military. Nine years later, former codebreaker Susan is a housewife and mother, but she continues to recognize patterns that surround her in everyday life. When a series of women are brutally murdered around London, Susan sees a pattern emerging. However, when a police-search for what Susan believes to be an overlooked victim turns up nothing, she realizes she cannot solve this puzzle alone. Enlisting three former Bletchley Park colleagues: Millie, Lucy, and Jean; Susan knows they have little time to break this code before the killer strikes again

This screening of series 1 of Bletchley Circle (3 episodes) will be introduced by Dr Karen Petrie, with background on the real women of Bletchley Park and the amazing contribution they made to both the war effort, and to codebreaking.

To book your free tickets please call 01382 308324 or email exhibitions@abertay.ac.uk



Local inspirations for the Scientific Life – Professors Doreen Cantrell and Sara Marshall

Wednesday 19th March • 3 - 5pm

Large Lecture Theatre, Medical School Institute, University of Dundee, Dow Street, DD1 5EH

Free, non-bookable

Eminent immunologists Professors Doreen Cantrell and Sara Marshall are not only leaders in their fields but also inspirational examples for aspiring young scientists and doctors. In their joint seminar, they tell us more about the choices and motivations that drove their careers and lives. Please arrive early to avoid disappointment. The main entrance to the Medical School Institute can be found on Dow Street.



Film Screening Gravity • Rated 12A

Thursday 20th March • 6.30pm

Hannah Maclure Centre, Abertay University, Top Floor, Abertay Student Centre, 1 - 3 Bell Street, DD1 1HP

Free, booking essential

Dr. Ryan Stone (Sandra Bullock) is a brilliant medical engineer on her first shuttle mission, with veteran astronaut Matt Kowalsky (George Clooney) in command of his last flight before retiring. But on a seemingly routine spacewalk, disaster strikes. The shuttle is destroyed, leaving Stone and Kowalsky completely alone - tethered to nothing but each other and spiraling out into the blackness.

To book your free tickets please call 01382 308324 or email exhibitions@abertay.ac.uk



From Biotechnology to Biodiversity with Fiona Logan, CEO Loch Lomond and the Trossachs National Park

Friday 21 March • 1 - 2pm

Centre for Excellence, Room 2522, Level 2, Kydd Building, 1 - 3 Bell Street, Abertay University, Dundee, DD1 1HP

Free, non-bookable

Fiona Logan, CEO Loch Lomond and the Trossachs National Park will give a lunchtime talk and discussion session at Abertay University. Fiona will discuss her career path through science, industry and environmental campaigning to her current leadership role as CEO of Loch Lomond and The Trossachs National Park. Please arrive early to avoid disappointment.



Dundee Women's Trail

Friday 21 March • 1 - 2.30pm

Start at McManus Galleries, Albert Square, Dundee, DD1 1DA

Free, booking essential

A walk around the city centre remembering notable women of the past. Participants must be able to cope with a 1½ hour. Limited to 12 places.

To book, please phone 01382 221545.



Café Science Dundee: Pink for Girls and Blue for Boys? The Colour of Gender Stereotyping with Dr Sheila Cunningham

Monday 24th March • 7 - 8pm

Avery & Co, 34 South Tay Street

Free, non-bookable

Despite attempts to eliminate gender stereotyping from society through passing new laws, the likelihood of stereotyping people on the basis of their gender remains a social problem.

In this talk Sheila (Abertay University) discusses consumer choice and colour based stereotypes. How do they happen and what are their implications?

There is no need to book in advance but arrive early to avoid disappointment.



Women in Science Partners and Supporters

We would like to thank all of our partners and supporters, without whom the festival wouldn't be possible.

The festival is coordinated by collaboration between the University of Dundee, Abertay University, the James Hutton Institute, Dundee Science Centre and the Hannah Maclure Centre.

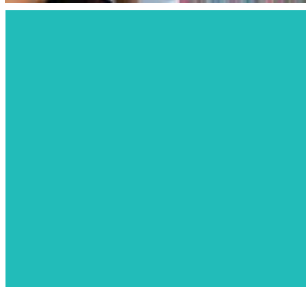


If you'd like to take part in Women in Science 2015 then get in touch! Volunteer, donate, run your own event or be part of the organising committee.

Email us at RevealingResearch@dundee.ac.uk or visit our site at www.womeninscience.org.uk

We're on facebook! facebook.com/DundeeWomenInScience


Follow us on twitter [#WomenSciFest](https://twitter.com/WomenSciFest)



You can find more information
about the Festival online...

 facebook.com/DundeeWomenInScience

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