



Ruihe Li, PhD Researcher, Imperial College London

#FaradayPathways Campaign

29 March 2023

Meeting recorded

 THE FARADAY
INSTITUTION



Why get involved?



- You have an **interesting career journey** you'd like to share
- You're looking for a way to **inspire the next generation**
- You have **pointers you can offer to people** following a similar path to you

What would you have liked to have known when you were just starting out?

- You are a Training Champion who runs an initiative that is making a difference to researchers' career prospects
- You are a **proud supervisor** or PM who wants to celebrate the success of one of your team as they move to their next position
- You want to build your **professional researcher identity**



Objectives - What do we want researchers to feel and do after engaging with #FaradayPathways posts



Feel?

- Involvement in FI programmes can be a **springboard to career success**
 - Via being part of a large community
 - Training budgets
 - Forming collaborations
- The **FI is a good programme to get involved with**
 - Helps recruitment and retention
- **Identify with/relate to some posts**
 - Feel that it applies to them and helps with career mapping

Do?

- Use **their training budget**
- Refer to Vitae development areas when developing **career development plans**
- **Share** their own career progression story
- **Encourage others to share**

#FaradayPathways Campaign - Other Stakeholders



Objective: Demonstrate the value of the Faraday Institution's training programmes, interventions and community building initiatives

What we want funders / industry to feel or do after engaging with the campaign:

- Feeling that FI initiatives are helping to inspire and train the next generation of battery researchers
- The FI is a valued route to delivering skills into industry
- Be receptive to conversations around training collaborations (e.g. PhD internships) or funding long term programmes in the skills area

#FaradayPathways Campaign



How?

- Preparing a social media post that shares your **#FaradayPathways**
- Work with other researchers in your network/ project / group encouraging them to share their career stories
- **Tell us about particularly good stories** we should feature in longer blog posts
 - www.faraday.ac.uk/faraday-pathways
 - Likely the focus of a scicomms intern
 - www.faraday.ac.uk/researcher-spotlights
 - louise.gould@faraday.ac.uk

When?

- Launch 30th March
- Great to have some posts from you when the campaign launches - to build momentum
- Any time to March 2024
- When you've moved to a new position or achieved some other success
- In Faraday Career Week 17-21 April
- FI Conference in Birmingham, September


What's your career journey been so far?



Faraday Pathways – Ferran Brosa Planella – Establishing an Academic Career



 PhD, Mathematical Institute, University of Oxford (2014 - 18)

 Post Doctoral Research Fellow (then Senior Fellow) WMG, University of Warwick (2018 – 22)

Member of the Faraday Institution Multi-scale Modelling Project and ECR Committee

 Assistant Professor, Mathematical Institute, University of Warwick (2022 -)

Co-investigator on the Multi-scale Modelling Project, April 2023



"I did a lot of teaching and supervision early in my career which has really helped. It feeds into the need to be able to effectively explain something you know a lot about to non-specialists - such an important skill for any academic working across disciplines." 10

Model Post – Jennifer Channell

https://www.linkedin.com/posts/j-channell_battery-career-pathways-activity-7037137373943472128-AsUo



Jennifer Channell • 1st

Developing and growing the battery ecosystem | PhD in Chemistry | MIMMM
3w • Edited •



Today I had the pleasure of meeting with the incredibly talented 3rd year PhD students at [The Faraday Institution](#) joined by the amazing [Aaron Wade Alastair Hales](#) [Harry Michael Dana Thompson](#) to discuss our career journeys post PhD.

It was great to hear from the other speakers about their personal journeys and the brilliant work that they are doing across academia, large corporate, VC investing, market analysis and spinning out.

When I was preparing my presentation it was good to reflect on how I got to where I am now. This is my [#FaradayPathway](#) career journey...

My PhD involved structural and functional studies of a redox active protein involved in HIV and I've ended up in batteries.

The two don't seem related, so how did that happen?

Looking back, there are some similarities between the protein I studied in my PhD and a lithium-ion cell:

- both are multi-scale
- both can be studied using X-rays and neutrons
- both are redox active
- both can be understood through correlative structural and functional studies
- both are part of a wider societal challenge

But more importantly the skills that I developed during my PhD are what have helped me get to where I am today. My PhD involved collaborating with deep experts across a range of different techniques to build up a portfolio of results that form my thesis.

Similarly what I do now is solve problems and deliver better solutions (my what) by working across different disciplines and skill sets to bring people together (my how).

Ultimately my "why" is about having an impact on large societal challenges.

As Innovation Lead, I get to work with the best and brightest talent in the UK. With organisations of all shapes and sizes developing innovative battery technologies.

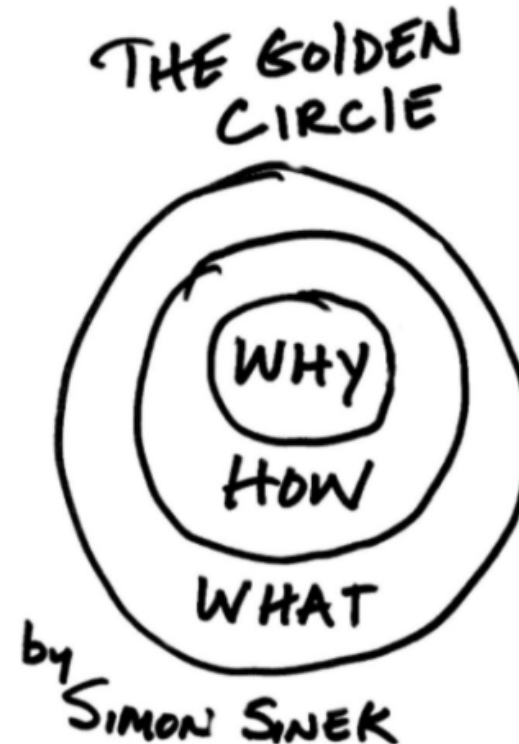
As Project Director for Battery Pub (Volta Foundation) I get to help the battery industry to connect, globally.

I'm learning every day and I'm lucky that I get to play a part in helping the battery sector to grow and contribute to the large societal challenge of net zero.

That's pretty cool.

Thanks to [Francesca Long](#) and [Dominic Grantley-Smith](#) for the opportunity! You are doing an amazing job at supporting this future talent. I'm excited to see what these brilliant individuals will do next!

[#battery](#) [#career](#) [#pathways](#) [#battchat](#)



Resources and ideas to help you share your #FaradayPathways



Writing a post

- How did you get to where you are today?
- What motivates and inspires you?
- Mention pivotal career steps and how you achieved them
 - Internship
 - Fellowship
 - Training source or resource
- Tag supervisors/mentors and others that have had a positive impact on your career
- Use #FaradayPathways
- Tag @FaradayInst and we will amplify
- End with a call to action to encourage others to share

Sharing post

- Share on your personal, group or project LinkedIn or Twitter account

Campaign building

- Encourage others to take part in the campaign and write a post

Visual element

- Illustrate your post using a photo of you in your workplace

Resources – Build a Social Media Card using a Canva Template



 Faraday Pathways

Dana Thompson

 2018

Faraday Undergraduate Summer Experience (FUSE) intern

Short line about project (e.g. Battery manufacturing)



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 2018 - 2022

Faraday Institution PhD Researcher - University of Leicester

Short line - PhD topic (e.g. Battery recycling)



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 2022 -

Battery Cell Developer Jaguar Land Rover



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“ Being part of the Faraday Institution has been pivotal in securing my position as a Battery Cell Developer at Jaguar Land Rover ”

Dana Thompson, Jaguar Land Rover

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Want to learn some new social media skills?

Create a social media card using the Canva template

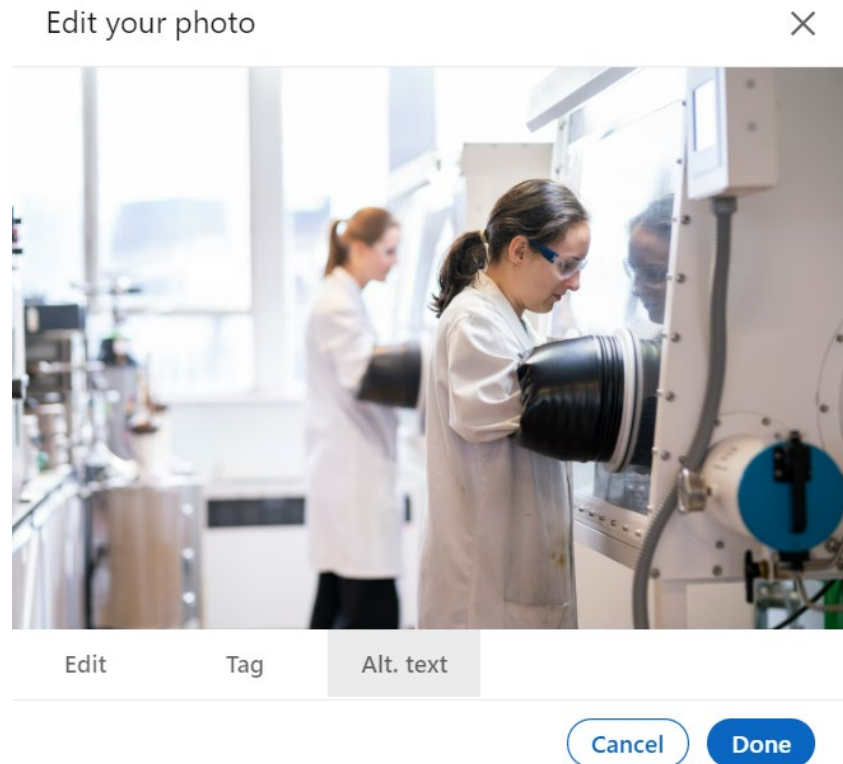
Watch a short video on how to use the template

Optional

Accessibility



- Use CamelCase for hashtags #FaradayPathways (first letter of each word is a capital)
- Alt text description for images to be included
- Accessible social media checklist https://www.faraday.ac.uk/wp-content/uploads/2023/01/Social_Media_Checklist_Jan2023.pdf



Thank you

Questions? louise.gould@faraday.ac.uk

Or use of Canva templates: Sophia.constantinou@faraday.ac.uk

<https://www.faraday.ac.uk/faraday-pathways-to-career-success/>