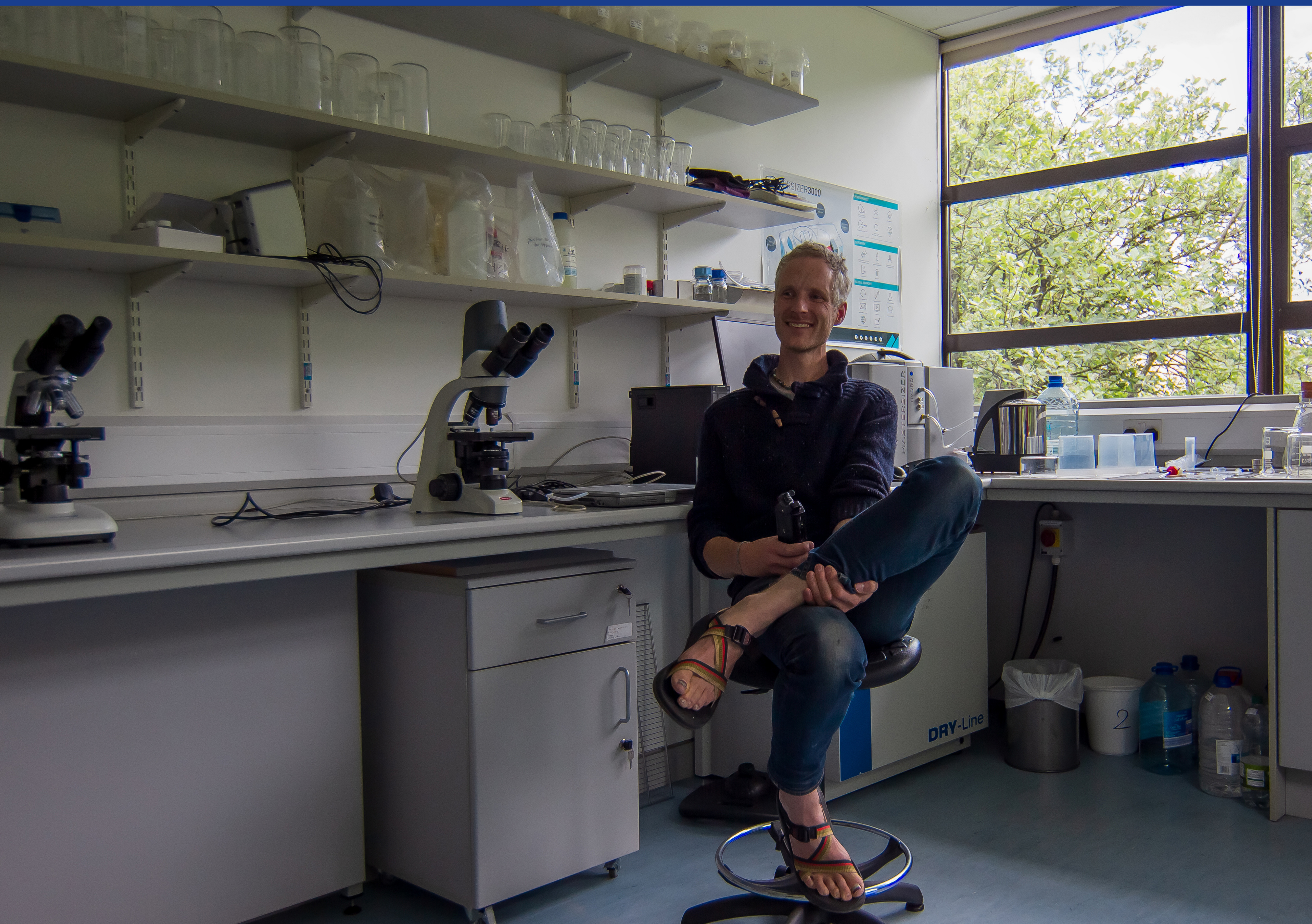


GORDON BROMLEY

LECTURER IN PHYSICAL GEOGRAPHY & CLIMATE AT NUIG, GALWAY

STAND



THE STORY

Meet Gordon. He's a lecturer and researcher at the University of Galway whose job is very much like his childhood—playing outside and banging rocks together, with his head happily stuck in a map. Today, his games have a fancier name, 'cosmogenic geochronology,' which is a technique used to determine the age of a rock. As a researcher, Gordon has led investigations in Antarctica, the Tropics, the Andes and the British Isles, where he uses cosmogenic geochronology as a portal to understand our climatic past as a way to predict our future climate.

"We are still trying to understand the scale of our impact and the ramifications of our actions and

we need data to figure out what happened in the past to predict the future."

When he's not out on expeditions, Gordon lectures at University of Galway about the 'hows and whys' of climate change. He's a captivating communicator with the ability to decipher wildly complex topics and make them fathomable and even enjoyable! He works from a room filled with bubbling pots, 100,000-year-old rocks and shares snippets of adventure stories and talks of galactic cosmic rays.

Gordon is a bit like a doctor, considered and methodical. He isn't rushing around looking for a quick fix and prescribing any old cure. He approaches the issue of our changing climate with precision by identifying the root cause, analysing the alimnt and

exploring its history in order to prescribe the right remedy.

We need people like Gordon who have the capacity to demystify scientific topics that fuel our fascination for the world around us.

"We protect what we value and we value what we know. If I can tell people cool and interesting things that help them connect to the place they call home then I am on the right track."

THE CHALLENGE

"Buy less and waste less. There are seven and a half billion of us. What we do matters and I am a firm believer that we vote with our wallets and what we buy reflects our values."

THE WHY

"I don't want this knowledge and research to just exist in a lab or on a shelf. I want it to be translated into data that can be used to predict our future climate and inform effective action plans for our cities and towns."

THE HOPE

"The zeal that some people show for pursuing organic food production is an incredibly hopeful thing. We will always need to eat. It's a beautiful thing to focus on just a few good ingredients, where they come from, and the pleasure it gives somebody to nurture and another to eat."

THE RECOMMENDATION

PODCAST - *Between the Mountain Adventure*. Ep45 - Graham Zimmerman.

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I don't want to be someone that puts on a white coat and speaks highfalutin language. I want to use my research to advise people how we can build better models for a better future.

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Photo by Jacqui Devenney Reed

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