Planning your research career for impact Speaker: Dr Faith Welch

· Research Impact is the contribution of research to society, emirronment, economy (outside of academia)

· Different types of impact:

Understanding & ansaveness, othitadinal, economic, emiron mental, health & wellseing, policy, cultural, capacity or prepared meer

· Impact can be positive and ugative

· Kasults-Chanu Francusork:

Inputs > Activities > Octputs > Octomes > Impact
(Knowledge, CRAD, (Pusication, (Cotations,
Findity, Engagement, Prototypes) Tweets,
People, Training)
Fillow-on
income)
Equipment)

· Planning:

1. Impact goal

2. mapping stakeholders

3. enjoyenent plan

4. implementation Soul

· Impact Goal:

- What is the challege /prosler.?

- How big is it? (How many people?)

- How do you know 'H's a proslen? Chook for evidence)

- How can you research help?

- How is it different for existing researce?

- Assume you've successfully addressed the challenge - usuat did you addressed the

· Impact goods should be SMART - Specific, Measwalle, Activable, Realistic, Time-bound

Mapping stakeholders: in you recease, for good or sand? have an interest · Priorticing stakeholdes a Surious taget con York you -> Money wight be another axis can empower them -> be super specific · Engagement plans: - should be mutually beneficial - there can be different expectations across cultures, Communities, types of organisation - it takes true - don't be a bruden - Steps of enjoyement: inform < consult < involve < Collaborate < empower - Types of enjagement:
Welsinas, press release, heratetter, survey, public
events, training, co-design workshops, project advisory board, seconducits, focus proups, hui, policy dialogues - Output Plan: (should be a living about Stakeholde Status of Rouser fee Cyangement Potential Relationship Engagement activities deallenges / h. ivs · Things to keep in wind: Risks, Rotes & Responsibilities, Expertise, Evaluation, Budget, Timetraces

Understanding Funding Opportunities in NZ (Mongolman Gu)

Funders want to find rereard that aligns with their vision

Tony Hickey (SBS)

- · Pitch with a solid, clear, and interesting answerable question
- · Your proposal needs to stand out
- · Write understandably the panel likely would be experts
- · Structure, EOI
 - Proster (start with a bay)
 - The fix
 - Background & precise definition of problem
 - What we can offer
 - How we will do it; break it down, structure it; make it flow.

Make swe you goals don't build on one another Cif Goal of fairs, Goal 2 should still be adievable)

- Condusion tie back to the problem
- . Be positive and faithight (we will > we aim to)
- · Avoid adjectives where you can
- · Summaries are important -> unte understandable

Second stage:

- · Tell a story; teach then something
- · Show that you read the literature
- · Show you can do it; preliminary results are good.
- · Cook nedium rare (don't make it look like you're halfway done)

Xavier for Templeton, Mas 27 Attendees: Kathryn, Xavier, Gwald, Ynn Sing, Caspel - US-based with advantage for US researchers - Into-disciplinary, 10% and above input - about development of person, how does collaboration improve the alwalter? - choose your best tran rather than choosing a strategic tean - if we make it past the 1st stage, we have a very good shot at the 2nd - try first proposal below Im USD - check out funding areas for similar projects. - tocus on human development - intornal deadline for Stage 1: ~ July - team size: 1/2 leader, 1-2 supporters; flexille - 30 month projects; 234.800 USD (ut-off - uni support: concept paper 390.000 NZD budget with Kathigun & Xassies CV is importe - no PuD students > research assistants, Postdocs - Overleads 15%. - weave a bit of public enjagement in - multiple research goals with a leader or - they will look at lead persons! pushication list and background

- they want to understand where exactly their money goes.

 provide value for money

 > give a draft with ideas to Caspar so he can indestand and he will help; CC Kathryn & Xavies

 -> think about human development aspect.
- -) start Sudjet covly

Goodd MBE Pitch (I) Custamostaty . and Max: (1) Measurability Main deta soi makes it perticularly Q: What's special about you country? The we ofthe flexibility and adaptability and adaptability and adaptability and adaptability. Q. N2 has 80% year energy; how is this actually reducing combon emissions? 3 its decreasing usage attractive to MAR MBIE, what would our project hear in tous of jobs? open it up to pacific intenders or indigeneous What we the measures for the unified istofacts success? You sely a lot on collaboration - have you reached out to anyone yet? where finalizing the proposed now, the contact What's the autorities part of the science? Do you have preliminary asidence to show that you are actually able to do the science? -) experence in turing around projects What do you wear by unking the doud fair? How do you do that, and how do you were suspensed don't just try to crack up the prices? Burkhard newhould Duc! Solutions - how does it relate?

What's the tayet unket? - SHES =) focus on dat cou and other indiferous pro-pi =) hired scory board to evaluate (dashboard)
=) prelim. evidence would be yearl. s pathway to implementation weeds to be stronger Le destanding Phinting Succeptioning through Govari. J@(5 : 1 Freshworte quality is a symplast issue Decontring diverse datasets is multipliers

Definite change the interventions? How do I hapart: what are the interventions? How do I know this is joined them into actions rather about a dark of the interventions. than understanding? - adv. leasing: what's the minimum change we need to do to get the effect we want? Are you taken justo account all environmental factors? How con you be source that if you fix the work, you don't break other things? - that's why we do note studies Will the Maon knowledge be avoidable in the Data soil issues will come up - build residence. Climate draye is a strong asymment, because existing woodels are too Make Stakeholdes you're missing primary sector; you Jusiness Model: is it some be free? Charged? Training to use the model? -> Open-Source; need training support

Ove some thought to the? Ethics: world the Small businesses? Have small land uses in advisory poor li valuerable. Focus or the positives, positive mitigation industries Give positive remards for farmers day well. Focus o- redividual forces Have you identified where the wiring late of Sparre areas; fortiers country 20 year effects, etc. - do yo- know what you are undo) Indude social l'economic effects more thoroughly.
UN needs more love and care. Bry potentially regative stakeholder in early. Michael: Differentiable Organisations Your Sing: Estimating air pollutant emissions and exposure in real time using madine learning Ding: Al-Doven Automated Software Production Diana: Happy cities. Developing At technologies for better Socia-cultural wellbeing in when emisconnects Vitinga: Detect and Mistjote Bas in Layrage Models: An Indiquous Perspective

Scudeep, Aug 15
· ask contract extension
Background:
· MOIE Smort Idea
-> Identify genes for M
"Samples from runer, purified RNA; sequenced messenger RNA (mRNA)
Codes a protein, but we don't know which function it has
· understand methanopers in the numer
- which chemical inhibitors ports of the few
"in NZ: claimical white that need to be eater
C. Lookse)
OR vaccine (fearle)
« nothangus istract with linerobes in the rune
· how do high/low sheep differ on mRNA tevel?
· Which fines correlate with notherne production? · Feature Selection I thou do the mRNAs interact with each other?
Data:
Count: rows = mRNAs; cols = sheep or 2 days Date = Date of newscornent System#: State
Chambert : Cha Ph. Scal C.
Sheep#: Ear D Tay CH4(g/day): Mothane Emission; should be cardered into relative to tend
into relative to tend
into relative to feod CDMI = Dry meta litake)

CO2: Methane convoina to CO2 Hz: Hydroja they produce whole the me used to produce nettone thy/DMI: Toylet averaged tayet -> of to use overage Volatile Fatty Acid Deta (VFA)
produced as result to degradation in There
sindication if wetnessees ove active or not A/P: Aistic Propionic (col G/H) explainable, virualization, make undertandely mo undertand fenetic networks in runer access to layor dataset to validate Keg Pathway · my the; whatever I need; Some model end of Nov.

next meeting: Sept 5.

Hilliass: Soil samps