

WELCOME to the FUTURE AFRICA and 1 HOPE

Webinar Series



Live streaming starting soon . . . Please stand by

AIM – Building collaborative transdisciplinary research capacity of early career and doctoral students through a One Health & Well-Being lens.

Webinar 3 highlights:

- *Webinar 3 orientation*
- Early Career and Doctoral Students TD Panel 1
- Early Career and Doctoral Students TD Panel 2
 - TD Consensus Consultation
- Developing a Career in One Health



GLOBAL SOUTH TRANSDISCIPLINARY
KNOWLEDGE GENERATION ON HIGH RISK,
HIGH NEED, ADAPTATION AND HIGH PERFORMANCE



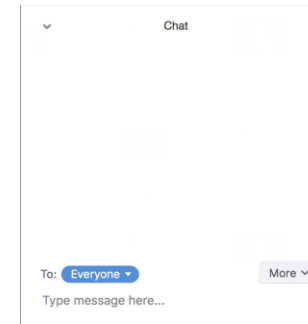
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Webinar Logistics



This webinar is being recorded



Feel free to use the chat box feature for comments and/or questions



Please keep your microphone on mute, to ensure a smooth webinar except during Q&A



Please switch of your video

Welcome & Introductions

(tour de'table of speakers)



Liesel Ebersöhn

(Director, Centre for the Study of Resilience, University of Pretoria, South Africa [SA])



George Lueddeke

(Chair, International One Health for One Planet Education Initiative [1HOPE], United Kingdom)



The *Future Africa - 1 HOPE* (International *One Planet for One Health Education* Initiative) webinar series aims to build collaborative transdisciplinary (TD) research capacity of early career and doctoral students through a One Health & Well-Being lens.

- Main goals:
- To meet and engage with a cross-section of multi-disciplinary experts linked with national, regional and global networks;
- To raise awareness of the urgent need to shift from disciplinary silos to address complex socially relevant issues (e.g., Covid-19, climate change, food security) by transcending and integrating disciplinary paradigms and engaging in participatory research;
- To identify transdisciplinary knowledge and research skills needed to co-produce relevant outcomes for society;
- To reconcile TD research, teaching/learning and scholarship.

3.1 Early Career and Doctoral Students TD: Panel 1



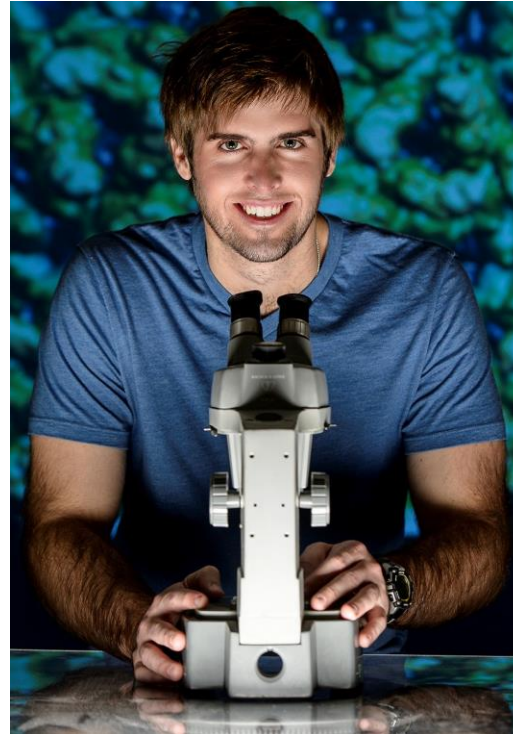
Adele May

Centre for Augmentative & Alternative Communication,
University of Pretoria



Samantha Mukonja

(ISOHA) International
Student One Health Alliance



Dr. Adriano Mendez

Centre for Viral Zoonoses, ,
University of Pretoria



Dr. Willeke de Bruin

Department of Plant & Soil
Sciences, Faculty of Natural &
Agricultural Sciences, University
of Pretoria

5 minute Intro.
Q & A 40 minutes

Chaired by:
Liesel Ebersöhn

Key Participants:

- 1. Loandi Richter** (*Centre of Excellence in Food Security, University of Pretoria*)
- 2. Tiffany Naidoo** (*School of Health Systems and Public Health, University of Pretoria*)
- 3. Miranda Mortlock-de Vries** (*Centre for Viral Zoonoses, University of Pretoria*)



1. What does the term 'transdisciplinary research' in your discipline mean to you? 'and to what extent have you engaged (or are you engaging) with this type of research already?

Attendees: Please comment in the chat box on the following suggestion by a key participant

“I suggest that the topic of transdisciplinary research should not only be promoted at individual or research group level, but should also be targeted towards institutions or funding agencies to motivate the need for appropriate funding.”

(Miranda Mortlock-de Vries, Centre for Viral Zoonoses, University of Pretoria)



2. The term "One Health & Well-Being" is about the nexus between humans, animals, plants in a shared environment.' Which of these is under the greatest threat right now across SSA?

Attendees: Please comment in the chatbox on the following suggestion by a key participant

“My suggestion is thus that training and proper mind-sets among research leadership is the first step towards transdisciplinary research and collaborations. Research leaders should thus not be restricted by the conventional limitations of individual departments or faculties, and should be able to cross the threshold to set up transdisciplinary activities.”

(Marike Geldenhuys-Venter, Centre for Viral Zoonoses, University of Pretoria)



3. What does the saying, 'Think Globally, Act Locally' mean to you?

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3. 2 Early Career and Doctoral Students TD: Panel 2



Robyn Moore

Centre for Augmentative & Alternative Communication, , University of Pretoria



Dauda Onawola

(ISOHA) International Student One Health Alliance



Dr. Woldegebriel Assefa Woldegerima -

Centre for Viral Zoonoses, , University of Pretoria



Dr. Lizyben Chidamba

Centre of Excellence in Food Security, University of Pretoria

5 minute Intro.
Q & A 40 minutes

Chaired by:
George Lueddeke



Early Career and Doctoral Student TD

Panel 2

Key Participants:

1. **Thabang Msimango** (*Centre of Excellence in Food Security, University of Pretoria*)
2. **Chiedza Mandimika** (*School of Health Systems and Public Health, University of Pretoria*)
3. **Marike Geldenhuys-Venter** (*Centre for Viral Zoonoses, University of Pretoria*)
4. **Ulonka Barnard** (*Centre for Viral Zoonoses, University of Pretoria*)



4. According to one of your colleagues, "Training and proper mind-sets among research leadership is the first step towards transdisciplinary research and collaborations and "research leaders should be able to cross the threshold to set up transdisciplinary activities." What, do you think, is one hurdle that prevents this cross-over from taking place?

Attendees: Please comment in the chat box on the following suggestion by a key participant

When a culture of transdisciplinarity is encouraged within the university as a whole, as well as with other universities new and better opportunities may arise.

For example, a transdisciplinary research centre such as Future Africa could address complex challenges, which could also be beneficial for students in building or fast tracking their careers.

Thabang Msimango (Centre of Excellence in Food Security, University of Pretoria)



5. Transformative research and education are equally important to achieve equity and sustainability in Africa. Advancing science knowledge across disciplines is important. How can collaboration across areas (for example social science and natural science) be strengthened?

Attendees: Please comment in the chat box on the following suggestion by a key participant

TD research benefits from Involving participants/stakeholders from outside academia into research:

- the best available knowledge is integrated
- values and preferences are reconciled, and
- ownership for problems and the solution(s) are created.

Ulonka Barnard (Centre for Viral Zoonoses, University of Pretoria)



6. Which research capacity would you maybe wish to develop further in the next few years? What support might you need-e.g., local, other institutions or funding agencies?

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3.3 TD Consensus Consultation



Belinda Reyers (Senior Advisor,
UP/ Stockholm Resilience Centre)



Liesel Ebersöhn
(Director, UP Centre for the Study
of Resilience & Full Professor,
Department of Educational
Psychology)

5 minute Intro.
Q & A 40 minutes

Chaired by:
George Lueddeke

Series Overview – George Lueddeke

This webinar series stems from a [University of Pretoria](#) proposal to the [UNICEF](#) Humanitarian Programme through its flagship programme “Generation Unlimited” to collaborate with the University on areas that can advance training and skills for the youth in humanitarian aspects.

Within this coordinated response the webinar series forms part of the University of Pretoria, [Future Africa](#) project “**Youth empowerment under health/economic crisis**” –

with participation of Humanities, Health Sciences, Education, Economic Sciences, Natural and Agricultural Sciences and Veterinary Science.

Series Overview – George Lueddeke

The focus of the Future Africa project is on the UNICEF Generation Unlimited Outcome Area 4: “Covid-19 and other Emerging Science for Society Outcomes”

It specifically incorporates the One Health (OH) concept of:

- a collaborative, multi-sectoral, and transdisciplinary approach
- working at the local, regional, national, and global levels –
- with the goal of achieving optimal health [and well-being] outcomes
- recognising the interconnection between people, animals, plants and their shared environment.

Series Overview – George Lueddeke

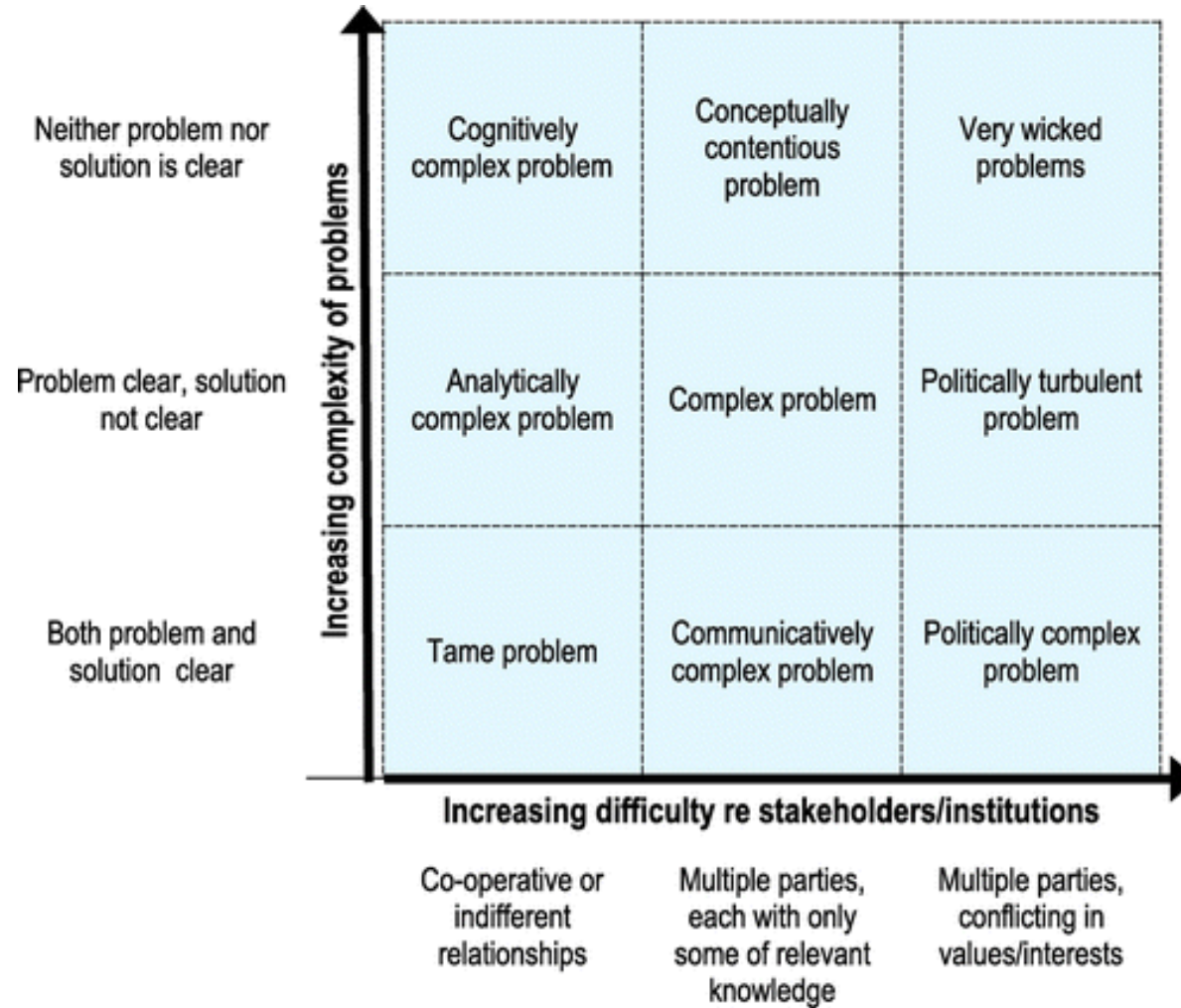
- It is increasingly becoming clear that a OH approach has stimulated modern societies to rapidly adopt measures to:
 - - save lives (humanitarian),
 - - protect livelihoods (social dynamics and human solidarity), and
 - - safeguard nature (ecosystem red lines) to reduce the risk of future pandemics (resilience, preparedness, precaution).



Transdisciplinary experiences: *a conversation on learning and directions*



Complex and contested problems: *How wicked is your problem?*



John Alford & Brian W. Head (2017) Wicked and less wicked problems: a typology and a contingency framework, *Policy and Society*, 36:3, 397-413,

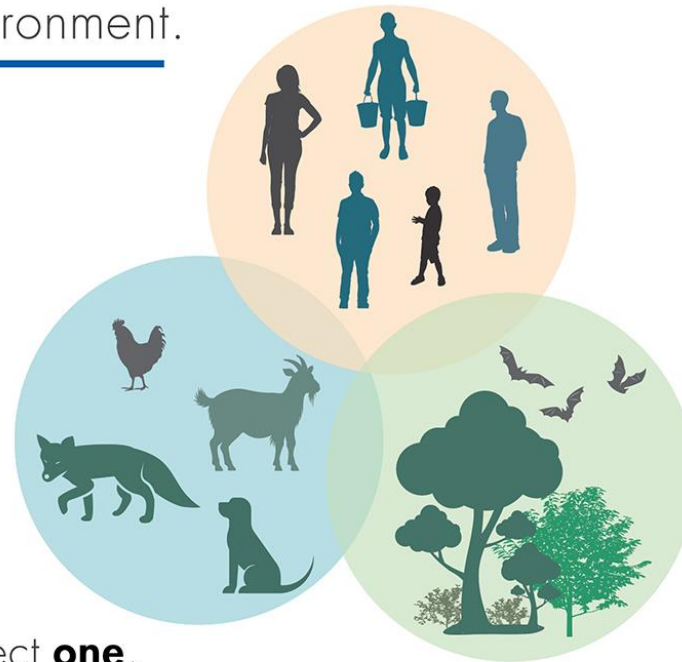
Methods and epistemology *Depth and breadth*



Haider, L.J., Hentati-Sundberg, J., Giusti, M. *et al.* The undisciplinary journey: early-career perspectives in sustainability science. *Sustain Sci* **13**, 191–204 (2018).

OneHealth: *People and place*

One Health is the idea that the health of people is connected to the health of animals and our shared environment.



When we protect **one**,
we help protect **all**.

www.cdc.gov/onehealth



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unicef 
for every child

FUTURE
AFRICA 
AT THE UNIVERSITY OF PRETORIA

 One
Health
THE LANCET COMMISSION

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3.4 Developing a Career in One Health



Renzo Guinto (*New Generation One Health Adviser, The Lancet OH Commission*)



Dr. Deborah Thomson (*Founder and President, One Health Lessons*)

5 minute Intro.
Q & A 50 minutes

Chaired by:
Liesel Ebersöhn



What is your dream One Health job?

Attendees: Please write your answer in the chat box



How does the current pandemic situation impact your studies / career plans?

Attendees: Please write your answer in the chat box



Make suggestions on the types of support (financial and otherwise?) that might help you and colleagues to cope with the impact of the current pandemic - now and in future

Attendees: Please write your answer in the chat box



*What possible place might One Health play
in a societal new normal?*

Attendees: Please write your answer in the chat box



WEBINAR PART 1 - 3

The Resources of The Future Africa – 1HOPE Webinar Series Part 1 – 3

- Will be shared as an open access resources
- Recordings of Webinar 1- 3 available for download
- Please visit the link below : (Will be shared in the chat)
- <https://www.up.ac.za/centre-of-the-study-of-resilience/article/2938484/the-united-nations-childrens-fund-unicef-future-africa-1-hope-international-one-planet-for-one-health-education-initiative-youth-empowerment-and-health-economic-responses-to-covid-19-yeah->

Chaired by:
Liesel Ebersöhn &
George Lueddeke



Thank you for your participation!



Chaired by:
Liesel Ebersöhn