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**To:** Admin HFESNZ [admin@hfesnz.org.nz](mailto:admin@hfesnz.org.nz)

**Date:** Mon, 7 Mar 2022, 2:46 PM



**Hello, Carole, here is your March HF/E news.**

## MESSAGE FROM THE SECRETARY

Tēnā koutou katoa

Please get in touch with us at [news@hfesnz.org.nz](mailto:news@hfesnz.org.nz) if you have HFE news you would like shared.

Ngā mihi nui

Fiona Trevelyan, HFESNZ Secretary

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## A WORD FROM OUR CHAIR

Kia ora koutou,

This month's newsletter contains a lot of updates and plans for the months ahead.

The biggest news is that the HFESNZ committee made the decision to postpone our planned two-day conference, which was to be held in July 2022 at Millbrook Resort near Queenstown. This was not an easy decision, but made on the basis that many people would have been unable or reluctant to commit to attending an in-person conference so soon. We are still hoping this event can happen in 2023 and will update in future newsletters.

Instead we will be hosting a one-day conference on Wednesday 16 November 2022 in Wellington at the Massey campus. This is timed to precede the rescheduled HASANZ conference. We will have a call for papers in the next newsletter, but much of the day will be devoted to networking events including special interest group meetings.

In May we will also be hosting our Annual General Meeting, which will be a virtual event following the same format used successfully in the last couple of years. Details will be sent out soon.

Finally, we have welcomed a new member to the HFESNZ committee: Tahlia Fisher has replaced Laurie Earl (who is now based in the UK). Many thanks to Laurie for contribution, and we look forward to working with Tahlia further. For those of you who aren't already familiar with Tahlia, she is a Senior Advisor Human Factors for the Transport Accident Investigation Commission (TAIC) and was previously employed as a Senior Safety Specialist at Air New Zealand for 15 years. She brings great expertise in accident investigation and safety management and we are pleased to have her on board!

Ngā mihi nui,  
Vanessa Beanland

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## **MEMBERSHIP UPDATE**

### **New member update**



We extend a warm welcome to Randa Abbasi, who has recently joined the society. Randa is originally an Occupational Therapist who completed her Masters in Occupational Therapy in 2014 and spent time travelling overseas before returning to her hometown of Christchurch in 2016. Randa is interested in wellness, ergonomics, and injury management and when not working enjoys travelling, mountain biking, coffee, the odd gin, and spending time with a diverse range of people. WELCOME!

Current membership of HFESNZ stands at 114 members, of which 16 are Certified, 6 Associate, 2 Technical, 10 Life, 7 Student and the remainder general members. Please note renewal invoices are to be emailed out end of March/early April so keep an eye out for this and contact Carole at [admin@hfesnz.org.nz](mailto:admin@hfesnz.org.nz) if you don't receive one.

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## **PROFESSIONAL AFFAIRS BOARD UPDATE**

The PAB has met a few times since the beginning of this year. Discussing lots of things including membership categories, HFE education pathway, the mentor service and changes to the professional member applications. Lots of change for PAB in 2022!

Putting those distractions aside, we meet again on 7th and 8th March to complete our latest round of member assessments. It's so good to see several new professional member applications coming through

each time! We are still encouraging re-certification for those who are due as well – there are a few due in May/June, I will be in touch with you soon.

The next round of assessments this year will be on 7th June 2022, please get your application in by 17th May to be included. Feel free to contact the Convenor at [profmember@hfesnz.org.nz](mailto:profmember@hfesnz.org.nz) for more information or if you have any questions.

## HFESNZ WORKFORCE DEVELOPMENT PROJECT UPDATE

Bronwyn Presland, Executive Director of HASANZ taking over as WDP project lead at the beginning of 2022 meant the year started with a review to ensure maximal gain is achieved from the project's remaining duration.

Please contact workstream leads if you are interested in helping progress workstream outputs.

### **Workstream 1 – Competency Framework (Rachael Gordon – Leader)**

The revised membership categories are currently being reviewed by the PAB, and a new version of the application process for new members is being tested. A meeting to engage with professional members on these topics will be planned for April to feedback the findings from the assessments and gather professional members comments.

### **Workstream 2 – Education (Liz Ashby and Fiona Trevelyan – Leaders)**

Steady progress continues re the postgraduate pathway in Human Factors and Ergonomics, with HFESNZ professional members critique now incorporated into its latest iteration. In essence, the HFE qualification firstly involved the identification and assessment of existing courses offered by NZ universities and online UK universities with HFE content and secondly the creation of an HFE pathway using the framework of an existing academic qualification based at AUT. The pathway includes courses from health, design, engineering, business and psychology as options to ensure the qualification has breadth and depth in the HFE applications and topics covered. The AUT Postgraduate Board of Studies has approved the pathway, which means students can now enrol on a postgraduate qualification that has a focus statement in Human Factors and Ergonomics. If you are interested in accessing more information about this qualification, please contact [fiona.trevelyan@aut.ac.nz](mailto:fiona.trevelyan@aut.ac.nz)

**WORLD-CLASS POSTGRADUATE STUDY**

**AUT**

### HUMAN FACTORS AND ERGONOMICS

Human factors and ergonomics is a multidisciplinary science that applies a broad systems approach to collaboratively help people maintain and improve safe and efficient task performance, wellbeing and usability.

If you would like to learn how to analyse and develop innovative solutions to a wide range of problems and possibilities, you can enhance your practice at AUT with postgraduate study focusing on human factors and ergonomics.

We offer blended learning opportunities, with blocks of study offering face-to-face learning as well as distance learning opportunities. Our courses include topics like:

- A systems approach to enhancing workplace health, safety and wellbeing
- Use of design process to generate future-focused ideas for improving health and wellbeing
- Risk assessment tools to evaluate physical and psychosocial factors within the work environment
- Integration of health and safety legislation into workplace and system design
- Risk management
- Work design – task analysis, allocation of functions and user trials
- The prevention and management of musculoskeletal disorders
- Exploring the nature of thought, emotion, and behaviour in organisational settings
- Understanding implications of working across cultural, social and generational contexts
- The evaluation of complex occupational health and safety scenarios

**ENROLMENTS FOR STUDY ARE CURRENTLY OPEN**

CONTACT:  
Dr Fiona Trevelyan  
[fiona.trevelyan@aut.ac.nz](mailto:fiona.trevelyan@aut.ac.nz)

For more information:  
[aut.ac.nz/pgdiphc](http://aut.ac.nz/pgdiphc)

The importance of support from HFESNZ members for the HFE qualification is recognised by Workstream 2 as extremely important if the qualification is to realise its potential of assisting in building capability and capacity into HFE professionals in NZ. As a first step, the PAB have been consulted to review the

qualification from an academic perspective.

In terms of future plans, Workstream 2 is holding an online hui on March 30<sup>th</sup> 2022, with the aim of continuing to build connections between courses and stakeholders involved with the HFE qualification. Those invited to attend include Workstream 2 members, academics from AUT, Massey, Auckland, Victoria and Otago universities and key stakeholders (PAB, WorkSafe, HFESNZ, ACC).

### ***Workstream 3 – Scholarship and Mentoring (Karl Bridges – Leader)***

Karl has reviewed all mentors and mentees and basically asked everyone how they found the mentoring service offered to HFESNZ members. He writes “I am not exaggerating at all; everyone is finding it incredibly useful”. As you know, this service has been running for around 12 months so far, and this year we will be enhancing it and making sure our mentors are best equipped to handle a broader variety of challenges faced by our members. This service is not just for ‘newbies’ (sorry for the jargon). Anyone can access it; I would be accessing it if I weren’t a mentor currently. So if you are thinking, ‘I wonder if mentoring can help with ...?’, chances are the answer is yes! If you don’t believe me, drop me an email at [karl.bridges@hfex.co.nz](mailto:karl.bridges@hfex.co.nz), or give me a call if you have my number to have a confidential discussion. Scholarships for anyone keen to get further education in HFE will be opening soon, and three scholarships of up to \$10K each will be up for grabs. If you are not sure what course to do, maybe take a look at the efforts conducted by Workstream 2 – HFE courses are growing in NZ, yay!

### ***Workstream 4 - Stakeholder Knowledge and Job creation (Rachael Gordon – Leader)***

A report of the findings from the “Questionnaire Survey of NZ Industry Awareness of HFE”, which was sent out to people in NZ industry in November 2021, has been developed. A total of 260 responses was obtained. The report breaks down HFE awareness by industry and by HFE topic area with nearly two-thirds of respondents (63%) responding that they felt they had a moderate amount or a lot of HFE awareness. Furthermore, participants were asked to rate how important the different HFE topic areas were to their organization for improving safety, performance and wellbeing and to what extent the different HFE topic areas were currently being considered in their organization. The findings of the report will be used to develop HFE awareness resources for NZ industry. Once the report is finalized, it will be made available on the HFESNZ website.

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## **HASANZ UPDATE**

I recently attended the HASANZ Governance Group meeting (25<sup>th</sup> Feb) in my role as HFESNZ Governance Group representative. There has been a bit of change at HASANZ with Executive Director Philip Aldridge moving to another position next year. Bronwyn Presland is the new Executive Director, and HFESNZ Workforce development folk have been getting to know her, particularly through a recent mid-project planning meeting. Key HASANZ activities at the moment include supporting the workforce development projects (including our own), developing a new vision/strategy, and planning the HASANZ Conference which has needed to be postponed a number of times due to COVID, and will now be on 17<sup>th</sup> and 18<sup>th</sup> November at Te Papa, Wellington.

Hamish Mackie

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## **SPECIAL INTEREST GROUPS**

**Healthcare SIG**

The Healthcare SIG is holding Zoom meetings at 7.30pm on the following dates:

- Thursday 31<sup>st</sup> March 2022
- Wednesday 15<sup>th</sup> June 2022
- Wednesday 21<sup>st</sup> September 2022

If you would like to join us, please email Karen Goodfellow ([gwandkg@gmail.com](mailto:gwandkg@gmail.com)) or Fiona Trevelyan ([fiona.trevelyan@aut.ac.nz](mailto:fiona.trevelyan@aut.ac.nz)) to register your interest. Programme details will be emailed out ahead of each meeting.

### **Human Factors Transforming Healthcare Webinars**

Recordings of webinars from November 2<sup>nd</sup> and 4<sup>th</sup> are now available to watch.

The first, *Executive Function: Human Factors and C-Suite Champions*, has a panel of 4 hospital executives sharing their thoughts on the value human factors has provided to their institutions and how they see it being used in the future.

The second, *Let's Talk RCAs*, features a panel of 4 experts discussing Root Cause Analysis systems and their use in healthcare settings

Both webinars can be watched here: <https://www.hfthnetwork.org/so/29NpcY-ml?languageTag=en&cid=88bd5406-17fa-46f9-b443-46961a084b1b&region=a4c8eea8-10a9-48b9-fb6b-0968da966926#/main>

If you would like to join us, please get in touch with Karen Goodfellow ([gwandkg@gmail.com](mailto:gwandkg@gmail.com)) or Fiona Trevelyan ([fiona.trevelyan@aut.ac.nz](mailto:fiona.trevelyan@aut.ac.nz)).

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## **HFESNZ WEBSITE**

Work continues to update the HFESNZ website with content of the existing website in the process of being reviewed. If you are interested in getting involved and influencing the design and content of this project, please contact Karl Bridges ([karl.bridges@hfex.co.nz](mailto:karl.bridges@hfex.co.nz)).

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## **IEA NEWS**

To read the latest IEA news click here to read their newsletter - [click here](#).

### **IEA Webinar Recording on Human-Robot Interaction**

The recording of a December 15 webinar organised by the International Ergonomics Association's Technical Committee on Human Factors in Robotics has been made available on YouTube.

The 90 minute webinar features a presentation on human-robot interaction followed by a panel discussion and audience questions. It can be viewed at the link below:

<https://www.youtube.com/watch?v=7apmJHEIT20&t=6s>

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### **IEA Musculoskeletal Disorder Journal Club Webinar – March 4 (GMT)**

The International Ergonomics Association's Technical Committee on Musculoskeletal disorders will be hosting a 60 minute webinar on 2 recently published papers about MSDs which will be presented and

discussed with their authors.

The first paper being discussed is *Identifying an optimal cut-off point for musculoskeletal pain in the upper extremities to prevent lowered work performance* with authors Suyoung Kwon, PhD., and Stephen Bao, PhD., presenting.

The second paper is *The effect of introduction of motorized stretchers on hospital-based patient transporter injuries and resultant workers' compensation costs* with author Judith Green-McKenzie, MD, MPH presenting.

For more information on the papers and to register, see the link below:

<https://iea.cc/journal-club-style-webinar-on-musculoskeletal-disorders/>

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## EVENTS AND COURSES

### **CIEHF Ergonomics & Human Factors Conference – April 2022**

CIEHF will be hosting their annual conference in 2022 with the online component scheduled for 11-12 April and the in-person component set for 25-26 April in Birmingham. Paper submissions are closed but ticketing information and the full programme of events have now been released at the link below:

<https://conference.ergonomics.org.uk/>

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### **Safeguard National Health and Safety Conference 2022 – June 21-23**

Registration is now open for the 2022 Safeguard conference, hosted at the Cordis Hotel in Auckland. The conference will be held over 2 days on June 21 and 22 with post-conference workshops hosted on June 23. The theme for this year's conference is **Connection – Culture – Care**. To register, see the full agenda and other information, see the link below:

<https://www.safeguard.co.nz/events/safeguard-national-health-safety-conference-2022/>

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### **HFESNZ Mini-conference Wednesday 16 November, Massey Campus, Wellington**

We are hoping to run the mini-conference as an in-person event as we know how much people enjoy networking and catching up with other members. You will be asked to register for this event.

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## GENERAL NEWS

### **New Book Covering Psychological and Organisational Systems**

HFESNZ co-founder, Emeritus Professor David O'Hare, PhD has just written a book that serves as an introductory text on the psychological, organisational and systems aspects of modern safety science. The final chapter was co-written by current HFESNZ Treasurer Karl Bridges on how to practically apply systems analysis.

The book comes out on April 8 and is currently available for pre-order in paperback, hardcover or e-book format at the link below:

<https://www.routledge.com/Introduction-to-Safety-Science-People-Organisations-and-Systems/OHare/p/book/9780367462826>

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### **CIEHF 'Think' December and January Issues**

The December and January issues of CIEHF's Think have been released. They include articles on applying human factors principles to safety in farming, the new robots being designed to work alongside human employees rather than replacing them, and the differences that human factors can make to the veterinary care industry.

Find all the articles from the latest issues at the link below:

<https://ergonomics.org.uk/learn/think.html>

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