



# Hello, <<First Name>>, here is your August HFE news.

MESSAGE FROM THE NEWSLETTER EDITOR  
Please get in touch with us at [news@hfe.org.nz](mailto:news@hfe.org.nz) if you have HFE news you would like shared.

Ngh mih rau  
Karen Goodfellow HFESNZ

## A WORD FROM OUR CHAIR

Kia ora,  
I hope you are all coping well throughout winter-unfortunately several of our committees have been unwell at various points over the past month or so, which has delayed this newsletter.  
Plans are progressing for our November mini-conference, more on this later in this newsletter in our events section.  
We were also recently invited to submit a profile about HFESNZ for an upcoming International Ergonomics Association (IEA) News Brief. Several members collaborated to provide a lot of information more than we could possibly fit in the article (huge thanks to Kate Buckley, Charlene Mathers, Merrin Green, Dawn Knox and David O'Hare, apologies if I've left anyone out!) It was fun reading it, though, so I've shared some of the society history for those of us who joined more recently.

In 1966 ergonomics experts from Australia established an integrated society with Australia, called the Ergonomics Society of Australia and New Zealand (ESANZ). At the time very few members were based in NZ, one estimate I received graduated 3 of approximately 400 ESANZ members were Kiwi.  
Local interest grew gradually and in 1986 we established an independent society, then called the New Zealand Ergonomics Society (NZES), while ESANZ was rebranded into what is now HFESIA (Human Factors and Ergonomics society of Australia). One of Kate Buckley, Charlene Mathers, Merrin Green, Dawn Knox and David O'Hare, apologies if I've left anyone out!) It was fun reading it, though, so I've shared some of the society history for those of us who joined more recently.

The inaugural NZES meeting was held at the New Zealand Disabilities Resource Centre in Palmerston North on 25 February 1986 with 28 attendees. Most of these were either from rehabilitation engineering (19%), Other groups were industrial ergonomics (5), product design (4), vocational assessment (3), work physiology (2) and aviation psychology (2). It would be interesting to compare this occupational profile with present day (when time permits we'll run a survey to get these data).

In 1988 NZES recognised its first certified ergonomist and also ran its second conference in Wellington, with the theme of 'Ergonomics in Industry'. In 1991, the NZES became a federated member of IEA, and in 2007 the IEA endorsed NZES's certification system. In 2012 the society's name was changed to the Human Factors and Ergonomics Society of New Zealand (HFESNZ) to align with worldwide understanding of the sector.

The society's membership numbers peaked at 120 in the 1990s and declined to around 60 in the 2000s. We are back to having approximately 100 members at the moment and are especially pleased to have seen an increase in the number of professional members over recent years. We have also seen an increase in general membership and interest in pathways to certification, which we believe is at least partly due to the work of HASANZ understanding the necessity of having appropriately qualified health and safety professionals from a range of fields including HFE.

Most of us probably understand the challenges in being part of this relatively niche field in such a small country as Aotearoa, but our small size also creates a wonderful professional community as exemplified by the enthusiasm with which several of our members embrace the task of writing about HFESNZ. We have a strongly collaborative community, are highly supportive of one another and put in a lot of effort to support and develop our wider HFE community.  
Looking forward to when we can catch up properly again in person-not on November!

Ngh mih rau  
Vanessa Bevanford

## IN THIS ISSUE:

- Message from Editor
- A Word from Our Chair
- Members Update
- Professional Affairs Board Update
- HFESNZ Workforce Development Project Update
- Update
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## MEMBERSHIP UPDATE

We have welcomed two new members to the Society since our last newsletter:

- Katherine Smyke; and
- Dr Barnaby Pace.



We still have a number of outstanding membership renewal invoices. If you have not received your invoice, please get in touch with [admin@hfe.org.nz](mailto:admin@hfe.org.nz) to get a copy. Otherwise, we look forward to receiving your payment.

## PROFESSIONAL AFFAIRS BOARD UPDATE

The next sitting of the PAB is scheduled for the 4<sup>th</sup> of October.  
Please get your applications in by 13<sup>th</sup> of September to be included. Feel free to contact the Convenor at [pa@hfe.org.nz](mailto:pa@hfe.org.nz) for more information or if you have any questions.

## HFESNZ WORKFORCE DEVELOPMENT PROJECT UPDATE

**Workstream 1 – Competency Framework (Richard Gordon – Leader)**  
No further updates from last month. The PAB continue to discuss and assess the membership categories and the membership application/assessment documents. Once this has been completed, a meeting with the professional members will be arranged to discuss the updated competency competencies.

**Workstream 2 – Education (Liz Ashby and Fawn Treagan – Leaders)**  
The last few weeks has been spent preparing an application seeking endorsement by CIEHF of the NZ HFE pathway which has involved collecting detailed information about the 20 courses included in the HFE pathway. These courses (see below table) are offered to six universities (AUT, Auckland, Massey, Otago and Victoria and DeWit (UK Universities)) by 23 academics. WSS will now work to complete a CUAP application seeking formal recognition of the HFE qualification and consider options as to how introductory vocational level HFE education could be offered in NZ.

Courses in the HFE postgraduate pathway	Points
PHAB811 Occupational Ergonomics (compulsory)	35 points
CR Occupational Health and Safety in Employment (EMHLS)	15 points
CR Organisational Behaviour (MGMT807)	15 points
CR Design for Health and Wellbeing (DESN806)	15 points
CR Special Topic: HEALB18	15 points
CR Management in the Construction Industry (ENBEB18)	15 points
HEALTH18 Integrative Research (AUT) (compulsory)	15 points
MACH804 Māori Health Development (AUT)(compulsory)	15 points
HEALTH18 Quantitative Research OR HEALTH18 Qualitative Research	15 points
CR Designing Safety Systems (MED710) (Auckland)	15 points
CR Human and Safety Systems (MED710) (Auckland)	15 points
CR Advanced Occupational Health & Safety 251 721 (Massey)	30 points
CR Bios, Health and Human Performance 252 702 (Massey)	30 points
CR Hazard management (Massey)	30 points
CR Occupational Health (OCOC41) (Otago)	30 points
CR Occupational Safety (OCOC20) (Otago)	30 points
CR Systems Ergonomics 7P5570 (DeWit)	15 points
CR Ergonomics and Human Factors (Healthcare) 7P5560 (DeWit)	15 points
CR Cognitive Ergonomics and Psychology 7P5467 (DeWit)	15 points
CR Ergonomics and Human Factors (Behaviour change) 7P5565 (DeWit)	15 points

**Workstream 3 – Scholarship and Mentoring (Karl Bridges – Leader)**  
The scholarships programme is now open. This is your chance to access a share of a \$30k pot of cash to help with course fees. The scholarship opened on 12<sup>th</sup> July and you can access details and the application form <https://www.hfe.org.nz/pubs/whelpapp2022>.

**Scholarships**  
12 July - open applications  
12 September - close applications

The mentoring service is going strong and we are always keen to get applications for mentors and mentees. The service was handed over to the Professional Affairs Board just before the AGM, so the main contact to express your interest in the service should be made to either [admin@hfe.org.nz](mailto:admin@hfe.org.nz)

**Mentoring as an educational support tool**  
Collaboration continues between workstream 2 and 3 in developing a mentoring service that may have the opportunity to offer a pathway to HFESNZ and Certification as the student is studying. Both of this is the mentoring and continued support for students and to also help make the certification process less daunting. I welcome your thoughts about this, while I continue to expand this out in more detail.

**Workstream 4 - Stakeholder Knowledge and Job creation (Richard Gordon – Leader)**  
The wider WDF team continue to review the content for a "What is HFE?" Awareness (animated) video. The group continue to discuss and revise the material.

## HASANZ UPDATE

The HASANZ annual conference is scheduled for 16<sup>th</sup>-18<sup>th</sup> November. More information in the Events and Courses section below.

We have a call from HASANZ to share and spread the word for their poster competition. There is a decent cash prize! So may be of interest to both academics and students.

**BEST POSTER COMPETITION ENTRIES WELCOME**  
HASANZ is calling for entries for its best poster competition at HASANZ CONFERENCE 2022. The conference is now being held from 16 to 18 November at Te Papa in Wellington.

**Due to disruption to the conference timing, the conference committee has decided to re-open the poster competition to win \$1500 (plus GST) in prize money.**  
Posters should present original research or a workplace health and safety case study. Accepted entries will be displayed at the conference, and the winning poster will be awarded on the HASANZ CONFERENCE website.

The deadline for entries is 5:00 pm, Friday, 11 November.  
Please look at the [entry conditions, selection criteria and presentation guidelines](#).  
There are still limited places available at the conference. Please take a look at the [programme and register](#) now.  
If you have any questions about the conference, please email [hasanz2022@tpa.govt.nz](mailto:hasanz2022@tpa.govt.nz).



## SPECIAL INTEREST GROUPS

**Healthcare**  
Our next webinar meeting is scheduled for September 21<sup>st</sup> and will be presented by Dr Sharon Newman on the PHRIES Tool. We have been trying to coordinate with Sharon for some time and are now happy to report that this very relevant health HFE information will not only be available, but we also have a Healthcare member group but the wider HFESNZ membership as well. We are also considering extending the invite to our other related interested groups and will confirm at the next committee meeting. More information on the website is below in the Events and Courses section.  
If you are interested in joining the group please contact Karen Goodfellow ([kag@hfe.org.nz](mailto:kag@hfe.org.nz)) or Fiona Treagan ([Fiona.Treagan@hfe.org.nz](mailto:Fiona.Treagan@hfe.org.nz)).

**Transport**  
Hamish and I organised a webinar on Systems approaches to road safety and transport. There a number of presenters and it is really really interesting. Even if you are not from the Transport SIG group, we are all engaged in some form of transport in our daily lives and this webinar is a great opportunity to learn more of the HFE involvement in the current and future strategies.  
Email invites for registration have been sent out and there is more information below in the Events and Courses Section.

**Date:** Thursday, 4 September 2022 from 7 to 8pm and is hosted by HFESNZ.  
**Register in advance for this meeting by clicking here.**  
After registering, you will receive a confirmation email containing information about joining the meeting.

**For more information - read about the webinar by clicking here to our website.**

## HFESNZ WEBSITE

The final testing phase of the website has now been completed by the committee. The website is in its final stages of completion and Karl is focusing base finding appropriate visuals and material while emphasising a user friendly focus. The membership profile pages remain unchanged for now.

If you are interested in getting involved and influencing the design and content of this project, please contact Karl Bridges ([karl.bridges@hfe.org.nz](mailto:karl.bridges@hfe.org.nz)).

## IEA NEWS

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

**Latest IEA News Brief**  
The brief contains a spotlight on the Mexican HFE society, SEMAC, as well as information about an upcoming New course on coping with the complexity of socio-technical systems.

Read the full brief [here](#) for more.

## EVENTS AND COURSES

**Webinar 20<sup>th</sup> September 7pm-9pm**  
**Systems approaches to road safety and transport-Hamish Mackie, Ali Raja, Claire Tedstedt George, sienna MacArthur-Beadle**

The Safe System is a concept that began its life in New Zealand in 2010 with the Safe Journeys road safety strategy and continues with Road to Zero. At the same time human factors system methods have emerged looking to move beyond human errors and account for why safe system failures occur. In this session Mackie, Tedstedt and Beadle will move through driving for work, pedestrian, cycling and dog walker case studies of safe system and socio-technical systems analysis in road safety. Ideas for what needs to be done to embed these methods will also be discussed. Finally, a wider discussion about systems methods will follow Karl Bridges HFESNZ Treasurer. We'll join a working systems methods interest group with HFESNZ and Vanessa Bevanford (HFESNZ Chairperson, Otago university Dept of Psychology) who also has experience in systems methods.

Hamish Mackie is co-director of Mackie Research and a certified professional member of HFESNZ with 17 year spent mostly in the land transport sector, specialising in road safety, active and commercial travel.  
Ali Raja has a Masters in Urban Planning and has been working on two projects investigating road safety in commercial driving, along with tactical approaches to urban street design.

Claire Tedstedt George (Ph.D.) specialises in contextual factors surrounding the occupational health, safety and well-being of New Zealand and was lead author on the WorkSafe project Managing vehicle related risks from supply chain pressures.

Sienna MacArthur-Beadle has a Master of science in psychology, with particular focus on human factors science. Sienna has taught children's pedestrian safety, perceptions and behaviours around railways in West Auckland. Sienna has recent experience with a driving for work investigation, driver distraction, road sign changes, dog walkers and cyclists.

[Register in advance for this meeting by clicking here.](#)

**Webinar 21<sup>st</sup> September 7.30pm**  
**We welcome Dr Sharon Newman to present the research on the PHRIES Tool as part of our Healthcare Special interest group. This webinar will be open to all members. Registration on the website soon.**

The PHRIES Tool, Sharon Newman, Professor and Head of School, Psychology and Counselling at the Queensland University of Technology.  
Patient handling tasks continue to cause a significant number of injuries within hospitals, despite a substantial investment in equipment, training and workplace design. The PHRIES Tool has been developed to help OH&S practitioners investigate why the risk controls for patient handling tasks fail to prevent an injury to staff, and then identify effective strategies to prevent future similar injuries. The PHRIES Toolkit is based on best practice for incident investigation and systems thinking. This presentation provides an overview of the PHRIES Tool, evaluation results of its implementation including practitioner reflections on the benefits of using a systems thinking approach to investigating patient handling injuries.

[Register in advance for this meeting.](#)

**HFESNZ mini-conference - Wednesday 16<sup>th</sup> November, Wellington**  
All members are invited to the 2022 HFESNZ conference at Massey Design School in Wellington. This will be a one-day in-person networking event focused on Systems Thinking and the Future of Human Factors.  
To register for our mini-conference, please [click here to our website event](#).

Official events will commence at 8am, with time to meet and mingle beforehand. (Catering will be provided and we are charging a small fee to cover these costs).  
Our evening speaker will be Daniel Hummerdal, Head of Innovation at WorkSafe NZ. His talk will be followed by a panel discussion on the future of human factors in NZ.

We will have a focus on student presentations, a brief WFD update and ideally updates from the aligned government bodies. As soon as the confirmed line-up is complete it will be emailed to the membership and will be on the events section on the NOW website.

The day will wrap up approximately 4:15-4:30pm as those of you heading on to the HASANZ conference will have plenty of time to head there. If you are not registered for the HASANZ conference, this around we will have our own post-conference networking session (if you are interested in this please contact Vanessa Bevanford or Charlene Mathers so have an idea of numbers).

**HASANZ Conference - 16<sup>th</sup>-18<sup>th</sup> November, Te Papa Wellington**  
Tickets for the HASANZ Conference are now available and the conference programme has been released.  
For more information on registration, [click here](#).  
For full conference programme, [click here](#).

**APHIRM Workshop Tuesday 15<sup>th</sup> November 9am-4pm, Wellington**  
There are still a few places available for the November workshop in Wellington.

A highly interactive workshop to provide participants with skills to implement APHIRM (A Participative Hazard Identification and Risk Management) toolkit to address psychosocial and physical hazards. Participants will develop an action plan for the implementation of APHIRM toolkits in their workplace. **Places are limited. For information go to <https://www.aphirm.org.nz/>**



**Highly interactive workshop to provide participants with skills to implement APHIRM (A Participative Hazard Identification and Risk Management) Toolkit to address psychosocial & physical hazards.**  
Participants will develop an action plan for the implementation of APHIRM toolkits in their workplace. **Places are limited.**  
**Please note: places are limited.**  
**For more info: <https://www.aphirm.org.nz/>**

**Stop 1<sup>st</sup> July 2022, 9am - 6pm**  
**The Shop Inn, Or Stanley & Sdon St, Southcark Parklands, BRISBANE To book**

**There 2<sup>nd</sup> July 2022, 9am - 6pm**  
**La Trobe University City Campus, Lvl 2, 360 Collins St, MELBOURNE To book**

**There 1<sup>st</sup> November 2022, 9am - 6pm**  
**Wellington, NZ To book**

## IEA Webinar: Modeling the structure and dynamics of socio-technical systems through network science – 16 September, 2022

The International Ergonomics Association is hosting a webinar to serve as an introduction to network science. There will be a review of the main concepts of network theory, as well as different types of networks, and illustrations of how to connect use them. This, some time will be devoted to discuss simple mechanisms that explain the formation and growth of networks, and that are able to reproduce the large-scale structural patterns reported in empirical networks. A particular focus will be dedicated to the quantification of network robustness and resilience. To close, current and future challenges will be discussed.

The webinar will be taking place on September 16, 10:20 - 13:00 UTC. For those unable to attend, a recording will be posted to YouTube.  
For more information on the webinar, [click here](#).

To register, [click here](#)

## GENERAL NEWS

**The Office Ergonomics Research Committee (OERC) Call for Research Proposals**  
The OERC have issued a request for new research proposals by 2023.  
The deadline for submitting proposals is August 22 with funding decisions being released in mid December. Instructions for preparing a proposal can be found [here](#). Further questions can be directed to Dr Michelle Robertson at [disc@hfe.org.nz](mailto:disc@hfe.org.nz)

**CHIEF Think' July Issue**  
The July issue of CHIEF Think has been released. It features articles on a phone accessory that can make travelling by bus more accessible for people with impaired vision, research into the problems that arise from people forgetting to take breaks while working from home, and how human factors principles are being applied to improving the safety of blood transfusion. Find all the articles in the latest edition [here](#)

## Student Research Project

- How can employers endorse optimal employee health during hybrid working?
- Would you like to be part of a research project with the aim of developing evidence-based guidelines for employers on this topic?

Rebecca Webster is undertaking a Masters in Ergonomics, Safety and Health via La Trobe University in Melbourne. Rebecca is conducting research with the aim to develop an evidence based guideline to support employers in creating optimal working conditions for employees working from home. The research now has ethics committee approval and so Rebecca is now seeking a group of 18-25 professionals as volunteers to be part of an expert panel (approximately 20) to assist in giving consensus on key components of the guidelines. This is estimated to involve participating in one questionnaire over a 4-6 week period. Please contact Rebecca on the below email for more information and to register your support.

This research is an extension of the Australian Employees Working from Home (EWH) study but will explore the Kiwi context.  
[20090137@students.latrobe.edu.au](mailto:20090137@students.latrobe.edu.au)



**Job Alert**  
Kylie Wilson is a Kiwi currently based in Australia at a technology company called Seeing Machines. Kylie writes to seek out a paid working Human Factors Board role that she is looking to fill.

The role is based in Canberra and involves providing HFE input into the design and safety technology in cars, trucks and planes.  
Follow the link to find out more or to register your interest here  
<https://boards.seeingmachines.com.au/jobs/Canberra%2C%20ACT%20M-11650619>

Find all the articles in the latest editions [here](#)

## CLASSIFIEDS

Currently there are no classifieds.

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