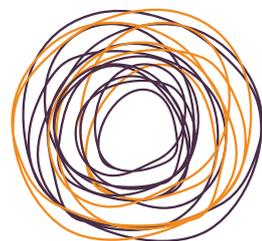


Annual Report 2025



Fiona Wood
Foundation

“We aim to be at the forefront of global research and discovery in the area of burns and scarring.”

“By continually growing the body of knowledge in the field, our work will save lives and make a significant difference to the recovery of people who have sustained burn injuries, both locally and around the world.”

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Acknowledgement of Country

The Fiona Wood Foundation acknowledges the Whadjuk people of the Noongar Nation as the Traditional Owners and Custodians of the land on which we conduct our work. We pay our respects to Elders past, present and emerging, and acknowledge their continuing connection to Country, culture and community.

Founder's Message

At the time of finalising this annual report, our burns research community has suffered a devastating loss with the passing of our senior scientist Mark Fear, who has stood alongside us for nearly two decades. Mark's contribution to the field, to our team, and to patient outcomes has been extraordinary. He helped me build the foundation of our research program, and his legacy now challenges us to ensure that our work not only continues but strengthens into the future.

Over the past year, the Fiona Wood Foundation has remained steadfast in our mission of scarless healing in mind and body, to drive innovation in burns research, to work hand in hand with clinicians, patients and their families, and to partner with industry and community in meaningful ways.

Burn injury is not just a trauma to the skin. It is a whole-body trauma, affecting physical health, physiological function, mental wellbeing and life course trajectory. It demands that we think big, act collaboratively, and never stop pushing the boundaries of knowledge.

We have made progress in our research across our streams. However, research progress is not enough. We must embed this knowledge in frameworks that are sustainable, scalable and transferable to clinical outcomes. Without the structures to support continuity, of people, resources, and partnerships, we risk losing momentum.

To every person in our research team, from our most senior scientists to the students just beginning their journey, thank you. Your work is changing lives. And to our collaborators across disciplines and institutions, your partnership brings strength and reach to what we do.

I am especially grateful to the patients, families and carers who participate in our research, and those who lend their voices, stories and time to help us.

As we look ahead, we are more determined than ever. We will honour Mark's contribution in our field, we will continue to support the next generation of students and researchers that he had mentored through the research pipeline; and ensure that we continue to lead, to ask the right questions, to undertake novel clinical trials and drive the research that makes a real difference.

Thank you, Mark – from all of us, we will be forever grateful to have known you. Your impact will never be forgotten.

Professor Fiona Wood AO



In Memoriam

Associate Professor Mark W Fear, PhD (MA, Oxon)

1974 - 2025

Respected scientist, researcher, mentor, colleague, husband, father and friend

We honour the life and legacy of Mark, a scientist whose work in burn injury, wound healing and fibrosis has transformed both science and patient care. After graduating from the University of Oxford and earning his PhD from the University of London, Mark conducted research at leading institutions including Northwestern University and the University of Western Australia (UWA). He was a Senior Scientist at the Fiona Wood Foundation and an Associate Professor at UWA's Burn Injury Research Unit. He played a central role in establishing UWA's Burn Injury Research Unit focused on burns and scarring. Over his career, Mark authored more than 130 peer-reviewed publications and secured extensive competitive grant and philanthropic research funding. His research led to advances in wound treatment and scar reduction. He was a respected speaker at international conferences and a reviewer for journals and the NHMRC.

A mentor of quiet strength and commitment, Mark supported the development of future scientists and clinicians. He guided and encouraged dozens of research students, many of whom now lead important work in science and medicine. His collaborative approach brought together researchers from universities, hospitals and industry to progress burn and wound healing research.

Mark and Fiona, along with the FWF team, shared a vision to improve outcomes for people recovering from burn injury. In the lab, he led by example, encouraging those around him to think critically and aim high, while staying focused on work that would make a difference. Students and colleagues will remember his insight, curiosity and the care he brought to each project and conversation.

He will not only be remembered for his scientific work but also for his humility, humour, and steady presence. His impact will live on through the people he mentored, the partnerships he built, and the contributions he made to research and care.

**Mark was and always will be part of our burn family.
We will miss him.**



Chair's Message



Leading the Foundation through my second year as Chairman has strengthened my resolve to ensure that no burn injury should ever define a life or limit what is possible.

More than twenty years ago, the Bali bombings left me with burns to over half my body. When I awoke

from a twelve-day coma, I had no memory of how I came to be there. When Fiona entered my hospital room, I felt an immediate sense of reassurance. Her compassionate, holistic approach to care, combined with her pioneering use of innovative technologies such as RECELL spray-on skin, significantly reduced my scarring and renewed my sense of what was possible for a full and meaningful life.

Everyone affected by a burn deserves the same opportunity to rebuild their lives without being defined by their injury. Having experienced firsthand the impact of Fiona's leadership and vision in my recovery, I know how powerfully this guides our research and clinical care models.

Our research teams focus on advancing medical science, keeping the FWF at the forefront of developing and delivering world-leading treatments and therapies. Together, they instil hope in those affected by burn injuries and work tirelessly to provide every patient with the best possible chance to heal and thrive.

While innovation drives us forward, it is the voices and experiences of our patients and families that keep us grounded and focused on what matters most. This patient-centred ethos informs our leadership decisions, guides research priorities, underpins care within the State Burn Service, and extends into prevention, education, and community support.

Throughout this year, I have valued the FWF Board's steady guidance and service to good governance. Their insight and support have helped ensure the Foundation remains financially secure, strategically focused and true to its mission. I am grateful to each Board member and thank them for their time, expertise and commitment.

I also want to acknowledge Di, our Executive Director and Fundraising and Relationship Manager. Her leadership in managing the Foundation's daily operations and building strong relationships has been vital in driving our work forward and securing a sustainable future.

I extend my sincere thanks to everyone who contributes to the work of the FWF, from the research and clinical teams to our donors, charity partners and supporters. Together, you enable an impact that goes far beyond treating injuries. You are changing lives, touching every aspect of recovery by restoring confidence, preserving dignity, and helping burn survivors and their families to heal in mind and body and thrive.

David Fyfe
Chair

Executive Director's Message



I am pleased to share this year's Annual Report, which highlights the 2024 progress and impact made possible through the dedication of our team, the generosity of our donors and the collaborations with our partners. Through the strength

of these partnerships, we are advancing research that translates into clinical care, improving outcomes and enhancing the quality of life for all people recovering from burn injury.

This year, I have seen firsthand the impact of our work and the important role the Foundation plays in connecting research with real-world care. As the intersection between universities, health services, prevention agencies and philanthropic partners, and with patients at our centre, we can continue to build the body of knowledge and evidence to improve treatment through innovation and improve patient outcomes through our education and prevention efforts.

A key focus for me has been strengthening existing relationships and forming new ones to ensure our network remains responsive to the evolving needs of those impacted by burn injury, particularly within an increasingly complex global health and research landscape. Guided by our Board of Directors, we have continued to expand our reach and have created new opportunities to ensure the Foundation remains visible, trusted, and well-positioned for long-term impact.

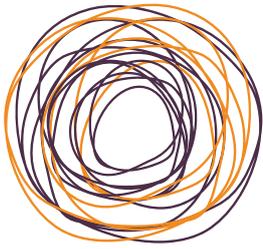
Our research, education and operations teams have delivered meaningful outcomes through our four strategic pillars: World-Leading Research, Impactful Education, Advancing Care and Financial Sustainability. It is a privilege to support their work and ensure we have the financial sustainability needed to realise our shared vision of scarless healing.

None of this would be possible without you, our donors, fundraisers, volunteers and charity partners. Whether you give a gift, volunteer your time, or take part in events like the Central Park Plunge, it is your belief in our work that helps us turn bold ideas into real progress, advancing new technologies and personalised care to transform recovery and long-term quality of life.

On behalf of our entire team and the many individuals and families whose lives have been impacted by your kindness, thank you for being a valued part of our burn family.

Diane Lim
Executive Director, Fundraising & Relationships Manager

About Us



Our logo is representative of the 'ripple effect' a burn has on a patient and the wider community. For the Foundation, the intertwined lines symbolise our vision of working together to make a difference through improving

the outcomes and quality of life for those affected by burn injury.

We recognise that every intervention from the point of injury influences the scars in both mind and body. Led by plastic and reconstructive surgeon and burns specialist Professor Fiona Wood, our not-for-profit Foundation facilitates the translation of knowledge from ground-breaking scientific and clinical research into pioneering new treatments for healing burns and minimising scarring.

Our impact is the translation of research spanning the patient journey, which changes lives.

With the support of our partners and very generous community, we bring together the best scientists, researchers and clinicians to meet our objectives to:

- Improve understanding of burn injury and the interactions with the skin and all body systems.
- Develop new technologies and treatments to improve clinical care.
- Improve mental health outcomes.
- Educate industry and the community.

We bring world leading science to the bedside.

Our Vision

To be at the forefront of global research and discovery in burns and scarring. By continually expanding the body of knowledge, our work will save lives and make a significant difference in the recovery of people who have sustained burn injuries, both locally and globally.

Our Purpose

To deliver scarless healing, in both mind and body, to those who suffer from burn injury.



Our People

At the Foundation, we believe in investing in people to drive innovation. We provide funding to researchers and students to ensure continuity, build capacity, and sustain momentum throughout the research pipeline. Our operational team supports these efforts through fundraising, communications, stakeholder management and outreach to patients, families, community and industry.

Director of Research



Senior Research Manager



Senior Research Fellow



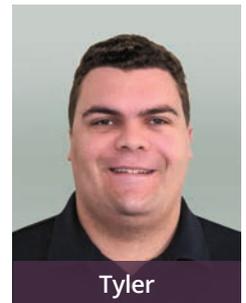
Senior Research Fellow



Postdoctoral Researchers



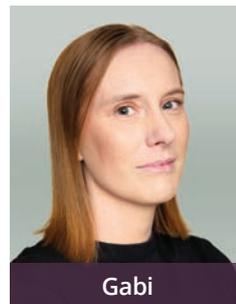
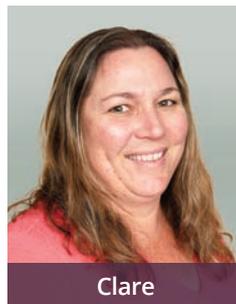
Research Assistants



Data Innovation Lead

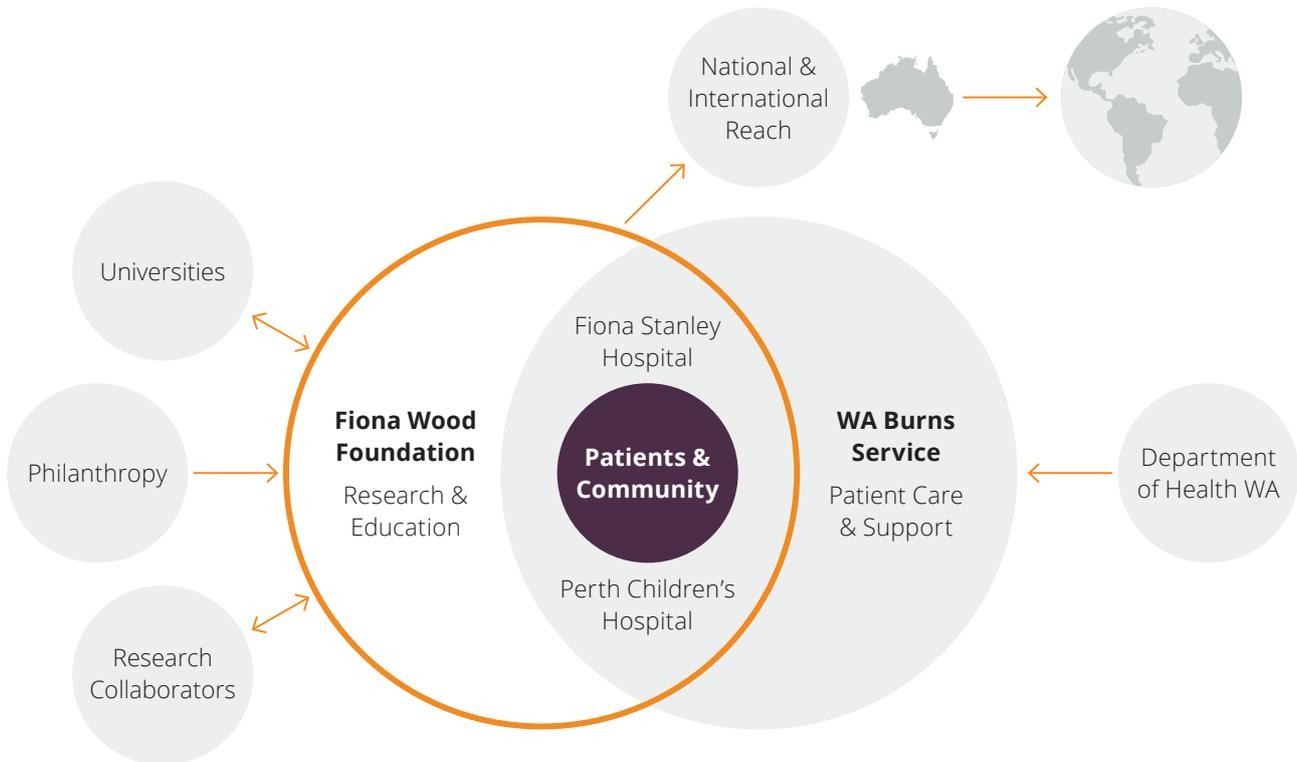


FWF Team



Our Structure

The Foundation is the intersection between the community, universities and the health system. We facilitate the translation of burns research into burns treatment – from bench to bedside. By continuing to expand the body of knowledge in burns, we save lives and improve the quality-of-life outcomes of people who sustain burn Injuries now and in the future.



Governance

Board of Directors



Winthrop Professor Fiona Wood FRACS AO

Director of the Burns Service of Western Australia

Fiona is a world-renowned burns surgeon and researcher with over 30 years of experience. She is the Director of the Burns Service of Western Australia, a Consultant Plastic Surgeon at Fiona Stanley Hospital and Perth Children's Hospital, and a Winthrop Professor in the School of Surgery at the University of Western Australia. Professor Wood co-founded both the Fiona Wood Foundation and Western Australia's first skin cell laboratory, playing a pivotal role in pioneering burn treatments that continue to improve patient outcomes globally.



David Fyfe

Chief Executive Officer, Genus Plus Group Limited

David was appointed Chairman of the Fiona Wood Foundation in 2023, having served on the Board since 2013. He holds an Honours Degree in Engineering and postgraduate qualifications in business and is a Graduate of the Australian Institute of Company Directors and a Member of Engineers Australia. A burns survivor of the 2002 Bali bombings, David was treated under the care of Fiona Wood and is a direct recipient of the Foundation's "spray-on skin" innovation. As CEO of Genus Plus Group and a Board Member of Ability WA, he brings personal insight and strategic leadership to the Foundation's mission to improve outcomes for burns patients.



Geraldine Erridge

Director, Candid Business & Tax Advisors Pty Ltd

Geraldine is a Chartered Accountant with a Bachelor of Commerce (Accounting) and has been a member of the Institute of Chartered Accountants since 1999. She is a Director at Candid Business & Tax Advisors Pty Ltd. She has extensive experience in general taxation, self-managed superannuation funds, and advisory services for high-net-worth individuals. Geraldine joined the Fiona Wood Foundation Board in January 2014, contributing deep financial and governance expertise.



Dr Suzanne Rea

Consultant Plastic Surgeon & co-founder of The Scar Clinic Perth

Suzanne is a Consultant Plastic Surgeon at Fiona Stanley Hospital and Perth Children's Hospital, specialising in burns surgery. She is also the co-founder of The Scar Clinic Perth, a multidisciplinary service dedicated to advanced scar management. A long-standing advocate for burns research, Suzanne has led the development of laser treatment for burn scars across adult and paediatric services. She plays a key role in the Fiona Wood Foundation's scientific programs and is actively involved in research exploring the use of laser technology in scar modulation. Her vision is to see the Foundation evolve as a global leader in holistic burn care, improving both survival and quality of life after injury. Suzanne was appointed to the Board in 2013.



Arthur Psaltis

State Director – Western Australia & Northern Territory, Colliers

Arthur Psaltis is the State Director for Western Australia and Northern Territory at Colliers. He began his career with Pritchard Francis, where he rose from graduate engineer to Associate Director, Director, Managing Director, and eventually CEO. Under his leadership, the firm achieved national recognition and, in 2024, joined Colliers to strengthen its engineering and design presence. Arthur has held numerous board and committee roles and continues to mentor senior professionals across industry sectors.



Jessica Ilich

Legal Counsel, Telstra Corporation

Jessica Ilich is Legal Counsel (Dispute Resolution) at Telstra, with prior experience in top-tier commercial litigation firms. She holds a Bachelor of Laws, a Bachelor of Science (Anatomy and Human Biology), and a Graduate Certificate in Business. Jessica has a broad legal practice with expertise in contract law, privacy, regulatory compliance, intellectual property, and consumer law. She joined the Fiona Wood Foundation Board in December 2022, bringing a strategic legal perspective to governance and operations.



Todd Mairs

Partner, Sia Partners

Todd Mairs is a Partner at Sia Partners, an international management consultancy, with over 25 years' experience across Europe, Asia, and North America. He specialises in strategic planning and customer transformation, particularly in health, aged care, and not-for-profit sectors. Todd previously served as Group Executive at St John of God Health Care and worked with Accenture in the UK. A CPA Australia Fellow and recipient of a WA Business News "40 Under 40" award, Todd also chairs an aged care technology start-up and serves as a non-executive director for a housing charity in Cambodia. He joined the Board in September 2023.

Finance Sub-Committee

The Finance Sub-Committee, established by the Board, ensures the Foundation's financial integrity and accountability. Its key functions include:

- Reviewing and recommending financial policies
- Overseeing the preparation and endorsement of the annual budget
- Monitoring financial performance and reporting outcomes to the Board
- Liaising with external auditors and reviewing audit findings

Governance and Compliance

The Fiona Wood Foundation operates in full compliance with all applicable financial and regulatory requirements, including those set by the Australian Charities and Not-for-profits Commission (ACNC). The Foundation undergoes an annual independent external audit with HLB Mann Judd, and financial reports are submitted to the relevant authorities per statutory requirements. We adhere strictly to the Privacy Act and the Fundraising Institute of Australia's Code of Conduct. The Foundation is committed to the highest standards of governance, transparency, and ethical practice in all aspects of its operations.

United Nations Sustainable Development Goals

The Foundation strategically aligns our vision with several United Nations Sustainable Development Goals (SDGs), in order to be at the forefront of global research and discovery in burns and scarring.

3 GOOD HEALTH AND WELL-BEING



Goal 3: Ensure healthy lives and promote well-being for all ages.

The Foundation's dedication to advancing burn care and improving the lives of burn victims intersects notably with targets 3.4, 3.7, 3.8, 3b, 3c, and 3d. Our commitment to improving the lives of burn survivors demonstrates a multifaceted contribution towards enhancing global health outcomes.

4 QUALITY EDUCATION



Goal 4: Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.

Through our collaborative partnerships with universities, commitment to gender equality, and emphasis on sustainable healthcare education, we contribute to the achievement of targets 4.3, 4.4, 4.5, and 4.7. This commitment underlines our role in fostering an educated and informed global community prepared to address challenges in burn care and prevention.

5 GENDER EQUALITY



Goal 5: Achieve gender equality and empower all women and girls.

Through championing equal opportunities in Science, Technology, Engineering and Mathematics (STEM) research, promoting women's leadership, ensuring equitable access to resources, and leveraging technology for empowerment, we directly contribute to targets 5.1, 5.5, and 5a, 5b, and 5c.

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



Goal 9: Build resilient infrastructure, promote inclusive and sustainable industrialisation, and foster innovation.

Through developing and translating groundbreaking research into medical technologies and services that reinforce SDG 9, we foster a sustainable, innovative infrastructure within healthcare, through scientific research.

17 PARTNERSHIPS FOR THE GOALS



Goal 17: Strengthen the means of implementation and revitalise the Global Partnership for Sustainable Development.

We are committed to advancing sustainable development through open and accessible scientific research, fostering global collaboration and knowledge-sharing. Additionally, we advocate for the ethical use of medical technologies to prevent their exploitation for consumerism, ensuring that healthcare advancements serve societal needs.

As we continue expanding the body of knowledge in burns research, we affirm our commitment to contributing to these critical goals, thereby deepening our dedication to sustainable development and equitable healthcare practices.

Research Governance

The FWF is committed to world-leading research and discovery in burns and scarring, underpinned by the highest standards of ethical and responsible conduct. All research funded by the Foundation complies with relevant federal and state legislative requirements and is subject to review by institutional ethics and governance committees. Projects adhere to the *Australian Code for the Care and Use of Animals for Scientific Purposes and/or the National Statement on Ethical Conduct in Human Research (2023)*, ensuring integrity across all aspects of our work.

Strategic Plan 2030



Our Vision

To be at the forefront of global research and discovery in burns and scarring.

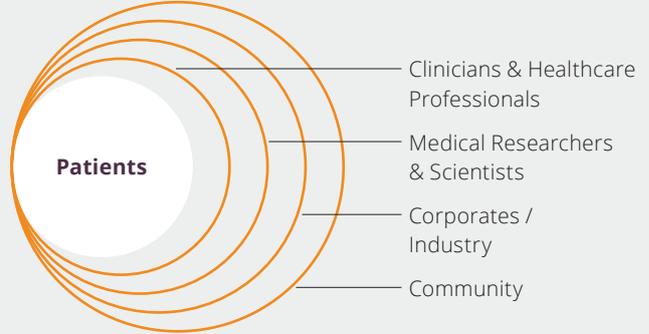
By continually growing the body of knowledge, our work will save lives and make a significant difference to the recovery of people who have sustained burn injuries both locally, and around the world.



Our Strategic Intent

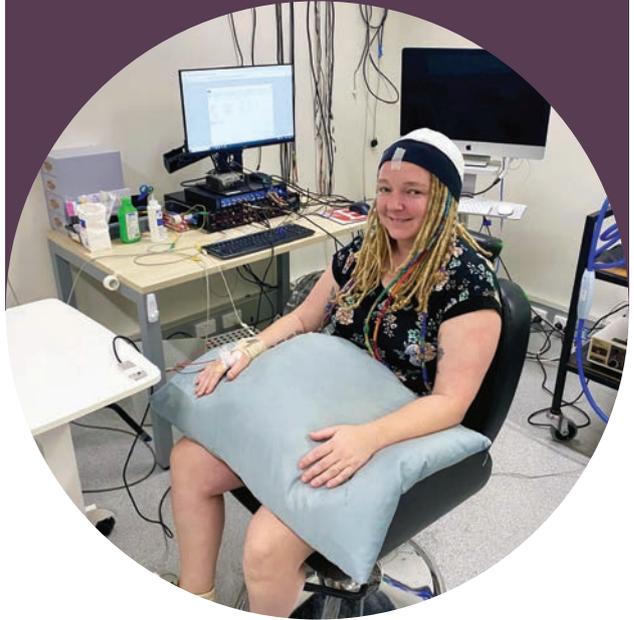
To deliver scarless healing in both mind and body, to those who suffer from burn injury.

Our Beneficiaries



Our Strategic Pillars

	World Leading Research	Impactful Education	Advancing Care	Financial Sustainability
Scarless Healing	<ul style="list-style-type: none"> Building the body of knowledge Conducting research Research partnerships 	<ul style="list-style-type: none"> Corporate Community Medical Prevention 	<ul style="list-style-type: none"> Clinical services Data innovation Products/technologies 	<ul style="list-style-type: none"> Sponsorships Grants Revenue Philanthropy
Our Objectives	We are the most cited burns unit in the world	We are Australia's leading burns educator	We translate research into life changing products and techniques	We have the financial resources to achieve and sustain our goals



2024 Impact Highlights

254 individual and community direct donors.

Plus **932 donations in support of 50 brave participants** in the 2024 Central Park Plunge raising an amazing

\$132,115

76% of income was invested directly into burn research and related consumables.

15 people were employed across research, research assistance, data innovation and operations, which is **equivalent to 12 full-time roles.**

World-Leading Research

- **28 researchers** (including Honours and PhD students) contributed to **38 active burn research projects:**
 - 1 Honour student
 - 12 PhD students
 - 2 PhD students conferred
- **1,113** volunteer patient and control group research participants.
- **Publications and Research Projects**
 - 38 Manuscripts published in peer-reviewed scientific journals.
 - 25+ collaborative research partners.
- **30+ oral and poster presentations** delivered by FWF researchers, including Professor Fiona Wood, at national and international scientific forums.
- **Award Highlights**
 - Professor Fiona Wood AO inducted into the WA Science Hall of Fame
 - Dr Lucy Barrett, Postdoctoral Researcher, WA Near-Miss 2024/25
 - Dr Blair Johnson, Postdoctoral Researcher, Western Australian Early-Career Child Health Researcher Fellowship 2024 & Brightspark Fellowship 2025-27
 - Dr Andrew Stevenson, Postdoctoral Researcher, WA Near-Miss Award Ideas Grant for 2024-2025



Advancing Clinical Care

Burn Service of WA Patient Statistics (March 2024–2025)

Combined data from Fiona Stanley Hospital and Perth Children's Hospital.

- **Outpatients:** 5,716 unique patients attended 25,896 appointments, averaging 4.53 appointments per person.
- **Inpatients:** 1,171 admissions with a median length of stay of 3.21 days.
- Burn Injury Biobanks
 - Fiona Stanley Hospital – **325 participants**
 - Perth Children's Hospital – **465 participants***as of May 2025



Medical Imaging Communication Exchange (MICE) and eConsent

- Over **400 clinical users** across multiple specialties, including burns, emergency, plastics, respiratory, dermatology, stoma and wound care, rehabilitation in the home, and hospital in the home.
- More than **58,000 clinical photographs** captured and securely stored in medical records via MICE.
- Over **30,000 consent records** published in patient medical records.
- MICE and eConsent are continuing to expand across hospitals and clinical services.

Impactful Education & Community Outreach

- Participated in the 14th annual Mining Emergency Response Competition as event educators.
- Increased community burn awareness at the Playgroup WA Funday event.
- Hosted National Burns Awareness Month information stands at Fiona Stanley Hospital and Perth Children's Hospital.
- Donated 300 Ben & Bella Storybooks to the Burn Service of WA at Perth Children's Hospital.



Volunteers

Volunteers are essential to progress research — from the patients and carers who bravely take part in our research, to the control group participants who give their time for the greater good. Their willingness to be part of our studies makes it possible to generate the evidence needed to move discoveries from the lab to the clinic. Without their selfless contribution, progress would stall. We simply cannot thank them enough — their involvement is critical and courageous.



Year in Review

World
Leading
Research

Building the body of knowledge

In 2024, our research ecosystem continued to strengthen, bringing together expertise across laboratory science, clinical research, data innovation, and psychosocial recovery to deliver real-world improvements in burn care.

Our team includes senior researchers, research fellows, postdoctoral researchers, research assistants, and data innovation specialists, totalling **28 researchers**, including PhD, Master's, and Honours students.

Leadership development and future workforce capability remain strategic priorities.

We provided supervision, mentorship and infrastructure support for:

- 1 Honours student
- 12 PhD candidates
- 2 master's students

Two scholarships supported through philanthropy were awarded this year. Emily Zhen received the **Jo Wheatley Scholarship**, funded by the Wheatley Family Foundation. Angus Barber was awarded the **FPA Australia Scholarship**, supported by the Fire Protection Association Australia and its members. Both students have made significant contributions to key research projects, developing practical skills and advancing new knowledge within a supportive and collaborative environment.

Together, the Foundation's research team and student group contributed to **38 active projects** spanning the research pipeline, from foundational science through to clinical trials and psychosocial recovery.

Our postdoctoral researchers, who have completed doctoral training and are refining their expertise, continue to be **recognised as emerging leaders** in the research sector. Competitive state and national funding awarded reflects the strength of their contributions:

- Dr Blair Johnson received a BrightSpark Fellowship (2025–2027)
- Dr Lucy Barrett was awarded a WA Near-Miss Award
- Dr Andrew Stevenson received a WA Near-Miss Award Ideas Grant

The calibre of our team and the impact of our research continued to be recognised both nationally and internationally. Our researchers were invited to present at leading forums, including the International Society for Burn Injuries (United Kingdom), the Australian and New Zealand Burn Association (New Zealand), the Australasian Wound & Tissue Repair Society, and the Molecular and Biomedical Sciences in WA Symposium.

These invitations to deliver oral presentations, present posters, and contribute to expert panels highlight the relevance, quality and global significance of our research.



Prof Mark Fear presenting at the IBSI 2024 Conference



The FWF research team pictured at the 2024 Your Impact Research Update



Linley & Heather – PhD Students

Building the body of knowledge

In 2024, our scientific output increased by 36% compared to the previous year, with 38 peer-reviewed publications across adult and paediatric burn care. These studies were published in high-impact journals, including *Burns*, *Wound Repair and Regeneration*, and *The Lancet Regional Health*, underscoring the global relevance of our work.

Guided by our strategic research pillars, the Foundation continues to expand the body of knowledge in burns across basic science and the three P's framework, encompassing physical, psychological, and physiological domains. Each area focuses on a specific aspect of post-burn recovery and contributes to the translation of research into person-centred care that aims to improve the quality of life for burn survivors now and in the future.

Basic science

Our basic scientific research focuses on the cellular and molecular basis for wound healing, scar formation and fibrosis. We also investigate the mechanisms that underpin systemic effects of burn injury on the individual. This work is aimed at long-term translation into better patient outcomes.

2024 published research topics

- Transcriptomic profiling of skin fibroblasts reveals fibrotic signalling
- Gene expression downregulation in cortical excitatory neurons and microglia
- Systemic plasma metabolic phenotypes in critical care stratification
- Cytokine-mediated neuroimmune interactions post-burn

2024 Active projects

- Testing transfection agents as suitable therapeutic delivery agents in skin cell models (epidermolysis bullosa)
- Understanding how stiffness and matrix properties affect fibroblasts to better understand scar formation
- Validating gene targets for Dupuytren's disease



Physical

Our research in this area focuses on reducing physical scarring and optimising wound healing. By investigating the cellular and molecular mechanisms of scar formation and fibrosis, we are developing next-generation therapies to support skin regeneration and minimise long-term scarring.

2024 published research topics

- Efficacy of film-forming silicone gel on scar pigmentation
- Implementation science for negative pressure wound therapy (NPWT)
- Functional recovery trajectories with early ambulation
- Diagnostic accuracy and incidence of heterotopic ossification

2024 key projects

- 3D bioprinting (a. Handheld printing; b. Materials testing; Innervation of skin)
- Development of next generation ReCell
- Skin surface lipids as indicators of health



Psychological

Our research addresses the mental health impact of burn injuries, exploring the links between burns and the brain to inform evidence-based interventions that strengthen emotional resilience and support psychological recovery for survivors and their families.

2024 published research topics

- Paediatric burn wellbeing programme protocols
- Short-term vs long-term outcome priorities
- Parental stress and child quality-of-life post-burn
- Adaptation of adult burn recovery outcome measures

2024 key projects

- Burns Outcomes: Developing Research Core Set to Drive One World, One Standard of Burn Care
- Identifying patient-centric and modifiable factors to aid return to work after burns
- Trampolining – Community exercise trampoline intervention for childhood burn recovery
- Understanding the impact of burn injury on the brain using fMRI
- Wellbeing Study – Psychosocial intervention for coping after childhood burn



Physiological

Burns are more than skin deep. Burns affect more than the skin. We are continuing to uncover the long-term physiological consequences of burn injury, showing that even non-severe burns can trigger persistent changes across the immune, metabolic and nervous systems. We also investigate the psychosocial consequences, recognising how an individual's psychological wellbeing interacts with their social environment. This stream aims to develop evidence-based interventions that mitigate these systemic and psychosocial effects, improving long-term health outcomes and quality of life.

2024 Published research areas

- Vitamin D insufficiency and risk factors in paediatric burns
- Pro-inflammatory T-cell and macrophage phenotypes
- Central nervous system alterations post-burn
- Multiomic single-cell sequencing of severe cutaneous reactions

2024 key projects

- CCI Diet & Exercise
- CHIP: Childhood Health and Immunity Post-Burn
- COCOKIDS: Topical Coconut Oil for Paediatric Burn Wound Healing
- 3D Scarring and Fibrosis Models
- EINSTEIN: Paediatric Burn Trauma and CNS Impact
- Fibroblast Heterogeneity in Scar Formation
- Infrared Wound Temperature Monitoring for Infection Detection
- NPWT in Acute Paediatric Burns
- Paediatric Post-Burn Immunology
- Adult Metabolic Responses After Non-Severe Burns
- LIBA Biobank: Lifelong Impact of Adult Burn Injury
- VR Intervention for Inpatient Burn Dressing Changes

Physical: Innovating the Next Generation of RECELL® Technology

Professor Fiona Wood's pioneering RECELL® technology, developed in the 1990s, revolutionised burn care by enabling surgeons to harvest, process, and reapply a patient's own skin cells in a single 30-minute procedure. Used in over 20,000 patients worldwide, RECELL® has demonstrated both clinical and economic impact, including a 14–17% reduction in operating costs and per-patient savings of \$19,000 to \$172,000 depending on burn severity.

In the United States, the application of ReCell has extended beyond burns to address all full-thickness defects, complex soft tissue traumas and post-surgical reconstructions, such as skin cancer resections. RECELL is also used to treat vitiligo a depigmentation disorder affecting up to 2% of the global population.

In June 2024 Avita Medical received premarket approval for RECELL GO™—an automated version of the technology that streamlines the cell processing workflow through single-use cartridges and a compact device. While RECELL® remains a transformative solution, research is now focused on its next evolution.



Dr Andrew Stevenson

Postdoctoral researcher Dr Andrew Stevenson was awarded a WA Near-Miss Award (WANMA) Ideas Grant (2024–2025) to lead this next phase. His project, *Developing Next-Generation Cell Therapies for Skin Regeneration after Injury*, builds on emerging evidence that distinct fibroblast subpopulations

play different roles in wound healing. Using magnetic-activated cell sorting, the project aims to remove fibroblast types associated with scarring while enhancing the regenerative environment with bioactive proteins, further improving skin quality and healing outcomes.

This research draws on the experience of Professor Wood and demonstrates how strategic investment in emerging talent continues to drive innovation. Together, they are shaping the future of cell-based therapies and redefining what's possible in burn recovery.

Psychological: EINSTEIN Study

The EINSTEIN Study (Understanding the Impact of Burn Trauma on the Central Nervous System) is a key initiative advancing our understanding of burn trauma's mind-body impact. Using functional MRI and validated psychological assessments, the study investigates how burn injuries affect brain development by comparing young burn survivors with matched community controls.

Participant recruitment concluded in May 2025, achieving the target of 40 participants—20 burn survivors and 20 matched controls. Ethical engagement with children and families was central to the recruitment process. To support informed consent, we developed age-appropriate videos that explained the study, including what to expect during the MRI and the sounds the machine makes. These tools helped ensure participation was informed, voluntary, and supported, reflecting our commitment to child- and family-centred research.

Preliminary analyses have revealed significant differences between groups. Structural imaging identified reduced cortical volume in the superior parietal lobe among burn survivors. Functional connectivity findings included increased connectivity from the medial prefrontal cortex to the bilateral precentral gyrus. They decreased connectivity from the superior sensory motor cortex to the right superior parietal lobule, suggesting changes in motor and sensory processing networks following burn injury.

With recruitment now complete, the study has progressed to full analysis of neuroimaging, cognitive, and psychological data. This work will contribute new evidence on how trauma affects the developing brain and informs the design of interventions to better support recovery in children and adolescents. Results will be shared through

peer-reviewed publications and clinical networks to guide improvements in care that recognise the neurological impacts of burn injury beyond the physical scar.

This research was proudly supported by Telethon 7.



Dr Amira Allahham & Dr Blair Johnson



Research Partnerships

Physiological: Investigating Long-Term Immune Impact of Childhood Burns

Led by Dr Lucy Barrett, in collaboration with the University of Western Australia and The Kids Institute, the Childhood Health and Immunity Post-Burn (CHIP) Study is investigating whether burn injuries during childhood result in lasting changes to immune function. This study builds on our earlier findings that children hospitalised for burns, most with non-severe injuries, experience elevated rates of chronic health conditions affecting multiple body systems.

CHIP is among the first studies globally to explore immune function following burn injury through the lens of immunometabolism, a field that examines the interaction between immune and metabolic systems. We are leveraging WA's Year 7 school immunisation schedule as a standardised immune challenge to assess responses to routine DTaP and HPV vaccinations. Two groups of children—those with a history of burn injury and matched controls are being followed over four time points: before vaccination, and one week, four weeks, and one year after vaccination.



Dr Lucy Barrett & CHIP control participants, Addi and Penny

This design enables us to track both immediate and longer-term immune responses, allowing us to determine whether immune function fully recovers or if subtle dysfunction persists. Early findings suggest differences in vaccine response between groups, supporting the hypothesis that even minor burns can result in lasting immunological changes.

Throughout 2025, we expanded recruitment efforts to strengthen the study's statistical power and validate these early insights. Once complete, CHIP will provide essential evidence to inform clinical trials, early intervention programs, and long-term monitoring frameworks, ensuring care addresses the full physiological burden of burn injury, not just what can be seen on the surface.

Collaboration enhances our capacity to generate new knowledge and translate innovation into meaningful impact. By working across disciplines and institutions, we can accelerate discovery, apply evidence in practice, and inform improvements in policy and care. These partnerships create the conditions for research to thrive supporting new ideas, attracting funding, and ensuring outcomes are relevant, scalable, and aligned with the needs of those we serve.

We are grateful to all our research partners locally, nationally and internationally.

The FWF would like to acknowledge and thank the following organisations and collaborators for their valued partnership in 2024.

Universities

Griffith University, QLD
Murdoch University, WA
Queensland University of Technology, QLD
RMIT University, VIC
University of Edinburgh, Scotland, UK
University of Notre Dame, WA
University of Pretoria, South Africa
University of Queensland, QLD
University of South Australia, SA
University of Technology Sydney, NSW
University of Western Australia, WA
University of Wollongong, NSW

Hospitals & Health Services

Burns Service of Western Australia, WA
Child and Adolescent Health Service, WA
Fiona Stanley Hospital, WA
Perth Children's Hospital, WA
Royal Brisbane and Women's Hospital, QLD
South Metropolitan Health Service, WA
WA Department of Health, WA

Research Institutes & National Bodies

Australian National Phenome Centre, WA
Bioplatforms Australia, Australia
Clemons Lab, WA
CSIRO, WA
Dutch Burn Foundation, Netherlands
Medical Research Future Fund, Australia
National Health and Medical Research Council, Australia
National Imaging Facility, Australia
Raine Medical Research Foundation, WA
The Kids Research Institute, NSW
The ORIGINS Project, WA
WA Child Health Research Fund, WA
Western Australian Future Health Research and Innovation Fund, WA

Industry & Commercial Partners

Avita Medical, WA, Australia / USA
Waters Corporation, Global

Impact Stories



Adele's Story

In May 2022, Adele sustained burns to 33% of her body including her face, neck, chest, torso, and both hands when an outdoor ethanol heater reignited unexpectedly during a family gathering. She was transported by ambulance to Fiona Stanley Hospital and admitted to the State Burn Service.

Adele underwent two surgeries involving skin grafts and RECELL® spray-on skin, followed by five weeks in hospital and intensive outpatient care. Ongoing management has included physiotherapy, scar treatments, and infection control. While the journey has been physically and emotionally challenging, Adele credits her recovery to the coordinated care of the burns team and the support of her partner, family, and friends.

Returning to work marked a significant milestone, signalling a sense of normality after a long recovery. Strength and mobility continue to improve through regular yoga and Pilates, and participation in the 2024 HBF Run for a Reason became a meaningful way to acknowledge progress and support others on a similar path.

Paige's Story

On a cold winter night, ten-month-old Paige accidentally became caught between the columns of a freestanding oil heater used to warm her bedroom. She sustained partial-thickness burns to Paige's chin, neck, torso, and right arm, with full-thickness burns to both sides of her right hand, covering 2.5% of her body.

Paige was initially treated at Rockingham General Hospital before being transferred to Perth Children's Hospital. She remained in hospital for two weeks, undergoing three surgical procedures including RECELL® therapy and full-thickness skin grafting. A fourth surgery followed discharge.

Her care did not stop at the hospital doors. Paige's recovery has included intensive outpatient therapy, regular dressing changes, physiotherapy and occupational therapy.

At 18 months, she had her first scar release surgery. Another followed at age three, and further procedures are likely as she grows.

Now nearly four, Paige is thriving. She can draw, use a pencil grip, and play on monkey bars. Her scars are part of her story one her family shares to help others understand both the risks of common household heating devices and the lifelong journey of burn recovery.



Providing exceptional clinical care to burn survivors is our highest priority. We strive for excellence in burn care by translating research and technological innovations into improved clinical outcomes and continually refining our practices to support every patient and caregiver throughout recovery.

Enhancing Clinical Outcomes for Smoke Inhalation Injury

Delivering exceptional care for burn patients requires addressing all facets of injury, including the significant yet often under-recognised impacts of smoke inhalation. The *Jo Wheatley PhD Scholarship*, established in memory of the late Jo Wheatley and generously supported by the Wheatley Family Foundation, has enabled Dr Emily Zhen to lead the **CARE Study** (Comprehensive Evaluation of Airway, Laryngeal and Respiratory Function After Smoke Inhalation Injury), providing a stipend throughout her doctoral research.

Smoke inhalation injury (SII) occurs in up to 20% of burn cases and remains a major contributor to early mortality and long-term complications. Despite its clinical significance, there is currently no standardised diagnostic approach and limited data on medium- and long-term outcomes. This study addresses these critical gaps by generating rare prospective data on airway, voice, swallow and lung function in patients from three months to two years post-injury. It also evaluates how a comprehensive, multidisciplinary surveillance program can be integrated into existing healthcare systems to improve patient outcomes.

Data collection from participants with SII has now concluded. The study is currently seeking feedback from key clinical stakeholders regarding its implementation. Feedback from participant surveys has been overwhelmingly positive, with all participants recommending the program for future SII patients. Several individuals were found to have persistent abnormality affecting their voice, swallow and lung function, resulting in timely specialist referrals for further investigation and management. Among those with no abnormalities, many reported that their participation enhanced their understanding of their lung function and fostered a stronger engagement with their own health and the healthcare system.

The findings have been presented at an international burns scientific meeting and have catalysed the formation of an Australian New Zealand Special Interest Group dedicated to advancing research and clinical translation in smoke inhalation injury. The group will explore opportunities to expand this initiative into a multi-centre collaboration involving six hospitals across Australia and New Zealand.

We gratefully acknowledge the Wheatley Family Foundation for their vital contribution in supporting research and innovation through the *Jo Wheatley PhD Scholarship*. Their investment has enabled Dr Emily Zhen's CARE Study to generate world-class evidence, translate knowledge into improved clinical care, and build the capacity needed to deliver better outcomes and quality of life for burn survivors, now and into the future.



Evie, Emily and Michelle Prater

Walban Nynoonang Maap Naar Nidjak (Heal Your Skin Burn Here) Portable Devices

For many Aboriginal and Torres Strait Islander peoples living in regional and remote Western Australia, accessing specialist burn treatment means travelling long distances and leaving Country. This can result in distress, disconnection, and limited culturally safe support during an already difficult time.

To help address this, the Fiona Wood Foundation partnered with the Aboriginal Health Liaison Officer team at Fiona Stanley Hospital to develop the **Walban Nynoonang Maap Naar Nidjak (Heal Your Skin Burn Here)** device. Launched in March 2025, the resource provides a culturally safe Welcome to Country and orientation to the Burns Unit, helping make the journey off Country more informed, respectful, and supportive.

Featuring artwork by Noongar artist Ron Gidgup, the device symbolises the path from Country to care. With have now distributed to Aboriginal Community Controlled Health Organisations across WA, this initiative funded through the donations received from the 2024 Central Park Plunge strengthens access to culturally responsive, person-centred care.



Data Innovation: Building the Evidence to Transform Care

Data has become central to innovation in burn care, shifting practice from anecdotal to evidence-based. The Fiona Wood Foundation plays a leading role in local and national data initiatives that drive better treatment, policy, and outcomes for people affected by burn injury.

Nationally, we contribute to the Burns Registry of Australia and New Zealand (BRANZ), a globally recognised resource coordinated by Monash University. BRANZ captures high-quality data from the point of injury through to patient outcome and has underpinned more than 50 international peer-reviewed publications. By ensuring Western Australian patient data is included, we help inform national benchmarking, highlight variation in care, and support the continuous improvement of burn services across Australia and New Zealand.

Data has also been crucial in shifting the understanding of burn injuries. Initiatives such as the Burn Clinical Outcomes and Research Project (BCORP) and large-scale data linkage studies have shown that burn injuries, particularly in children, can have lasting impacts on health and development. Longitudinal analysis of over

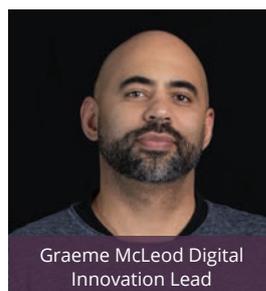
34,000 burn patients and 120,000 matched controls has shown increased risks of malignancy and chronic disease, even among those with non-severe burns. These findings are reshaping our understanding of burn recovery and driving our research priorities with a more comprehensive, lifespan-oriented approach to care.

We remain focused on ensuring data leads to real change. Through strong infrastructure and research partnerships, we continue to advance person-centred burn care across Western Australia and beyond.

Innovative Digital Solutions with Impact

In partnership with **CSIRO**, the FWF continues to lead digital innovation that improves clinical workflows, patient experience, and care delivery across Western Australia.

Two flagship platforms, **eConsent** and the **Medical Imaging Communication Exchange (MICE)**, have



Graeme McLeod Digital
Innovation Lead

modernised key hospital processes, reducing risk, improving governance, and enhancing clinical efficiency.

eConsent launched in 2019 and was developed to streamline the patient consent process, replacing paper-

based workflows with a secure, mobile-first solution integrated into hospital medical records. The platform has reduced administrative burden, avoided treatment delays, and strengthened clinical governance. **More than 30,000 consent records have been published to date**, with hospital-wide adoption at Fiona Stanley Hospital, Fremantle Hospital, and Perth Children's Hospital.

MICE went live in 2020, following concept development and pilot testing in earlier years. The platform was created in response to the privacy risks associated with using unsecured messaging apps for clinical photography. MICE enable clinicians to securely capture, share, and store clinical photographs directly into patient medical records.

Over 58,000 clinical images have now been stored via MICE, supporting services including burns, plastics, emergency, dermatology, respiratory, wound care, stoma care, rehabilitation in the home, and hospital in the home.

In 2024-25, both platforms continued to expand across the Fiona Stanley and Fremantle Hospital Group. At Perth Children's Hospital, MICE is actively used across burns, plastics, emergency and orthopaedics, with further rollout planned. Trials of both systems are underway at Royal Perth Hospital and within the WA Country Health Service, supporting efforts to extend the impact statewide and ensure safe, connected care for all patients.

Under the Impactful Education pillar, the Foundation delivers targeted programs that build knowledge, capability and confidence in burn prevention, care and recovery. In 2024, we expanded our reach across WA, working with healthcare professionals, schools, and communities, while deepening engagement with high-risk industries in this resource-rich state. Our evidence-based training supports safer workplaces, faster first aid response, and better outcomes for those affected by burn injury. By strengthening prevention and early intervention through education, we are working toward our goal of becoming Australia's leading burns educator, equipping more people with the skills to save lives and reduce the impact of burns.

Burn Education Programs

The **Burn Management Program (BMP)** strengthens the capacity of regional and remote clinicians to deliver timely, evidence-based care to burn patients across Western Australia. With WA recording the highest number of burn presentations nationally and fewer than half of adult patients receiving gold-standard first aid, the need for locally delivered, best-practice training remains clear.

Established in 1994 and led by clinicians from the Western Australian Burn Service, the one-day, face-to-face workshops focus on acute assessment, first aid, injury stabilisation, patient transfer, and early rehabilitation. Each session includes tailored, scenario-based simulations to ensure practical application of best-practice principles.

As a resource-rich state with expanding industrial operations and increasing environmental hazards, Western Australia faces a heightened risk of burn injury both in the community and the workforce. In response, the Fiona Wood Foundation is focused on strengthening the sustainable delivery of tailored burn education and fee-for-service programs for high-risk industries, such as mining, oil and gas, chemical processing, and manufacturing.

By equipping staff with life-saving knowledge and burn first aid training, these programs not only promote workplace safety but also reflect a deep commitment to the well-being of the workforce, an organisation's most valuable asset. This proactive, partnership-driven approach ensures burn education remains responsive to evolving risks while building capacity for informed, immediate responses in even the most hazardous environments.



In 2024, the Fiona Wood Foundation assumed full operational and financial responsibility for the BMP.

To maintain access in high-priority regions, the Foundation received a donation through **CBH Group's Harvest Mass Management Scheme**, supported by WA grain growers in partnership with Main Roads WA. This funding enabled the delivery of three fully subsidised training courses in regional communities, reinforcing the Foundation's commitment to equitable burn care across the state.



Regional patient Tim



Impact Stories



Matilda's Story

Matilda is a proud Bunuba girl from Bayulu, a remote community over 2,500 kilometres from Perth. While fishing with her family, she sustained severe flame burns to her leg and hand. Her father was also injured while trying to help her.

With no ambulance nearby and the local clinic hours away, Matilda's family did what many in remote communities must stabilised her themselves and began the long journey to reach help. For children, time is critical. Burns can escalate quickly, and delays in care increase the risk of serious complications.

After reaching hospital, Matilda began the first phase of what will be a long recovery. Her injuries required surgery, ongoing care for infection risk, and monitoring for complications such as contractures common after deep burns in young children. She still travels regularly to Perth for specialist appointments, with each trip placing additional strain on her family and community.

Each trip brings further time away from home and community. For Aboriginal families, the separation from Country, culture, and kin adds another layer to the recovery journey. Despite these challenges, Matilda's strength and her family's commitment have carried her forward.

Her story highlights the need for timely, culturally responsive care and the urgent inequities still faced by children in remote Australia. Access to high-quality burn treatment should not be determined by geography.

Kevin's Story

Kevin sustained burns to 35% of his body including his face, arms, hands and back when a fuel container in his vehicle ignited while working on his farm in regional WA. He was airlifted to Royal Perth Hospital where he underwent intensive treatment, including traditional skin grafts and participation in early RECELL® trials. He credits his long cotton clothing for reducing the severity of his injuries.

Rehabilitation involved years of physiotherapy, pressure garments and close monitoring by a multidisciplinary team. Kevin tracked his recovery through strength and mobility benchmarks and continues to speak of the coordinated care that enabled his return to function. He also acknowledges the vital role of his family: "Without Jane, Lucy and Josh, I couldn't have made it."

Motivated by his experience and the gap in regional access to care, Kevin went on to serve 15 years as a non-executive director on the CBH Board, advocating for safety in agriculture and sharing his story to drive change.

In 2024, Kevin marked the 20th anniversary of his injury by speaking at a Fiona Wood Foundation event, reflecting on the journey of recovery and the enduring impact of burns research, innovation and care.



Prevention and Education Activities

From classrooms to competition fields, the Foundation was proud to lead education and prevention initiatives throughout 2024.

- We launched National Burns Awareness Month at Ellenbrook School of Learning, joined by Kidsafe WA and key government representatives to promote burn prevention in early childhood settings.
- Our Ben and Bella storybooks continued to support safety conversations at home and in care, with 300 books donated to Perth Children's Hospital.
- We connected directly with families through Playgroup WA's Fun Day and Koolanga Family Day Care's picnic.
- We proudly partnered with the 2024 Mining Emergency Response Competition to deliver clinical burns training to 18 emergency response teams.

Across every setting, our focus remained the same: ensuring that every person, young or old, knows how to prevent and respond to burn injuries.

We want to acknowledge and thank our prevention partners for their ongoing collaboration and commitment to injury prevention.

Australian and New Zealand Burn Association
 Fire Protection Association Australia
 Injury Matters
 Kidsafe Western Australia
 Kidsafe Australia

By working together, we increase the relevance and reach of prevention initiatives, build shared knowledge, and strengthen our collective capacity to reduce the incidence and impact of burn injuries. These collaborations strengthen the translation of research into education, advocacy, and system-level change. By working together, we raise awareness of the leading causes of burn injuries, promote evidence-informed prevention, and enhance knowledge of gold-standard first aid. This coordinated approach extends the reach and sustainability of prevention initiatives and supports safer communities across Western Australia and beyond.



Education delivery at the 2024 Mining and Emergency Resources Competition



Jaymii-lee, Paige's mum



Dale Edgar at MERC



Di and Gabi at Dalkeith Bowling Club



Burn Service of WA & Kidsafe WA NBAM 2024 Public Education Stand



Clare at Playgroup WA's Fun Day

Philanthropy sustains progress. It is the financial support from generous individuals, community fundraisers, corporate partners, and competitive grants that allows us to pursue ground-breaking research, and translate knowledge into world-class, patient-centred burn care. Every contribution – large or small - fuels innovation, drives education, and sustains our mission to improve outcomes for those impacted by burn injury.

This year, the continued generosity of our community has made a powerful difference. From annual and regular giving through our *Friends of the FWF* program, to being chosen as the beneficiary of fundraising events, every act of support has mattered. These contributions fill vital funding gaps that grants often can't, ensuring our most critical research and education initiatives continue to move forward.



Central Park Plunge 2024



HBF Run for a Reason 2024

2024 Fundraising Community Fundraising Highlights

- **Central Park Plunge 2024** – 50 participants and their supporters raised a record-breaking \$132,115 for burn research and patient care.
- **HBF Run for a Reason** – Runners rallied their networks to raise awareness and funds to purchase items from our allied health team's wishlist, demonstrating the power of grassroots support.
- **South32 Rottnest Channel Swim** – Team Swimm'd Alive overcame major setbacks in their 19.7km crossing and raised over \$4,000, with a standout donation from Drakesbrook Fine Wines.
- **Mining Emergency Response Competition (MERC)** – As charity partner, we received \$42,570 to support burns education and first aid training delivered directly to emergency response teams.
- **Friends of the FWF** – Ongoing regular gifts from individuals provide reliable, flexible funding that helps us plan with confidence and act quickly where it's needed most.
- **Jack the Wagtail** – Championed by Marmion Primary School in memory of former student Jack Dunn, who tragically lost his life to severe burn injuries, this annual school-based challenge raises funds to support life-changing burn research.

Funding & Charity Partners

CBH Group, WA, Australia
 Fire Protection Association Australia, Australia
 Fiona Wood Foundation, WA
 Jo Wheatley Scholarship, WA
 Northern Star, Australia
 Perth Children's Hospital Foundation, WA
 Protection Engineering, WA, Australia
 Stan Perron Charitable Foundation, WA
 Syntara, Australia
 Telethon 7, WA
 The Ian Potter Foundation, VIC
 Wheatly Family Foundation, WA

Charity Partner Spotlight

Fire Protection Association Australia

For over fifteen years, Fire Protection Association Australia (FPA Australia) has been a valued charity partner of the Fiona Wood Foundation. Their ongoing support has strengthened our research and reinforced our shared commitment to advocating for fire safety and prevention, working together to reduce the incidence and impact of fire-related injury.

Established in 2024, the FPA Australia Scholarship is a significant investment in developing the next generation of burn research leaders and translating new discoveries into improved patient outcomes. Donations by members and guests at the Fire Australia Conference Gala and Awards Dinner, support the scholarship with Angus Barber the inaugural recipient. A talented master's student, and clinical researcher Angus, is contributing to innovative projects such as the Data-assisted Burns Debridement using Rapid Evaporative Ionisation Mass Spectrometry (REIMS) project. This early-stage research is testing the use of the 'iKnife' a cutting-edge surgical tool now based at Fiona Stanley Hospital to analyse tissue in real time, to improve surgical precision, protecting healthy tissue and reducing scarring in future procedures.

FPA Australia's commitment extends far beyond funding research. In 2024, they strengthened this partnership by forming their first-ever team for the Central Park Plunge. Team FPA Australia Pierrin Vogeli, Mal Cronstedt, Paul Waterhouse, Maria Kornakova, Kathryn Kinnear (Biodiverse Solutions) and Jana Day (Windsor Management Insurance Brokers) raised an impressive \$20,000.

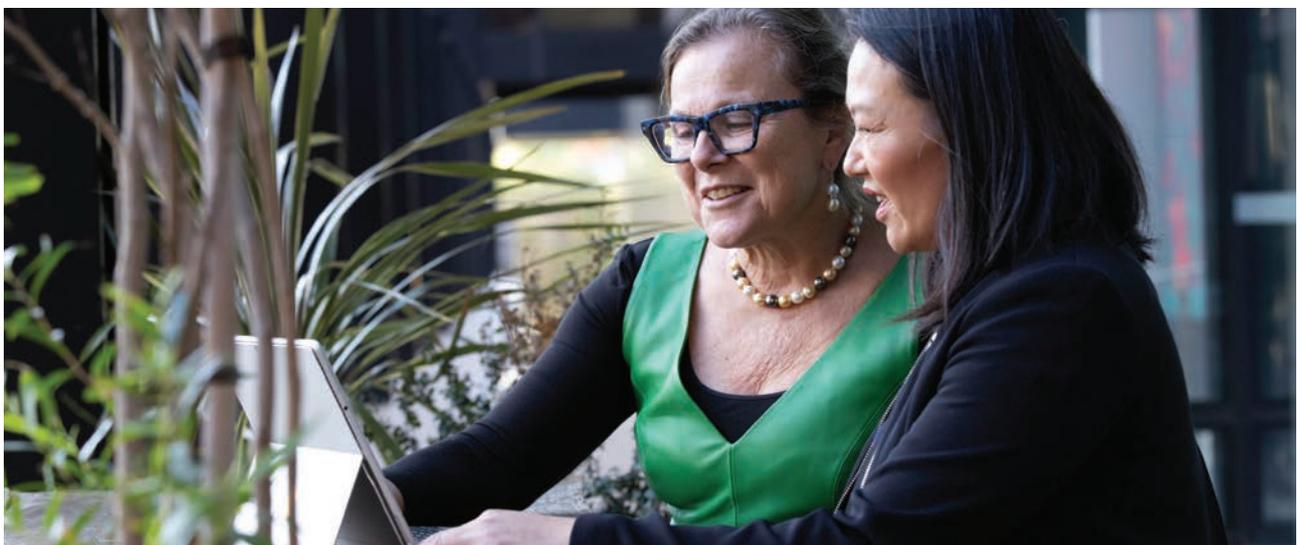
They continue to find new ways to support our mission and raise awareness, from hosting Virtual Golf Days to inviting our team to share insights with their network



Masters student Angus & John Collie and Paul Hodgson from FPA Australia

through FPA Australia's communications. This proactive partnership helps amplify important messages about burn prevention and care, while creating opportunities to network and strengthen our message.

As FPA Australia celebrates 65 years of leadership in fire safety, we are proud to stand alongside them strengthening community safety, advancing research and prevention, and improving care for those affected by burn injury. It is a privilege to share in each other's legacy, working together to protect lives today and build a future today and reduce the impact of fire-related injury for generations to come.



Financial Summary

Income

2023/24 Financial Year

● Individuals and community	15%
● Bequests	5%
● Philanthropic Trusts and Foundations	18%
● Corporate Sponsorships	2%
● Government Grants	6%
● Other	55%



Based on the 2024 audited financial statements

Expenditure

2023/24 Financial Year

● FWF Administration	24%
● Research costs	72%
● Research consumables	4%



Based on the 2024 audited financial statements



“Burns are more than physical injuries; they are life-altering events that affect both body and mind. As one of the

most complex and enduring forms of trauma, burn injuries can cause immediate pain and disruption, as well as long-term impacts on health, identity, and daily life.”

At the Fiona Wood Foundation, we believe in the transformative power of research, emerging technologies, and the body’s remarkable ability to heal. By continually expanding the body of knowledge in burn care, we not only save lives but also redefine recovery for people affected by burn injuries, here in Western Australia and around the world.

Guided by our vision of delivering scarless healing in both mind and body, we are shaping the future of burn care. Through pioneering research and the pursuit of new knowledge, we are empowering the brightest minds to expand the body of knowledge, advance patient-centred care, and restore what burns too often takes away.

We are moving toward a future where recovery is not defined by survival alone, where today’s research becomes tomorrow’s breakthroughs, and the legacy we build today shapes the care of generations to come.

Our heartfelt thanks.

To everyone who walks beside us—thank you for helping carry this vision forward. Your support ensures that life-changing research continues and that futures remain within reach.



Acknowledgements

Research Collaboration Partners

- ANZBA (Australia and New Zealand Burn Association)
- Australian National Phenome Centre
- Avita Medical
- Burns Service Western Australia
- Clemons Lab
- Griffith University
- Inventia
- Murdoch University
- Queensland University of Technology
- RMIT University
- Syntara (previously Pharmaxis)
- Telethon Kids Institute
- The Origins Project
- The University of Edinburgh
- The University of Western Australia
- The University of Queensland
- University of Technology Sydney
- University of Wollongong
- University of Notre Dame
- University of South Australia
- University of Pretoria
- Waters
- 3-D Matrix Medical Technology

Burn Injury Prevention Partners

- ANZBA (Australia and New Zealand Burn Association)
- Department of Fire and Emergency Services, Western Australian Government
- Injury Matters
- Kidsafe Australia and State branches

Corporate Partners and Donors

- CBH Group
- Chevron
- Clayton Utz Foundation
- Fire Protection Association Australia
- Freo Fire Services
- Marmion Primary School
- Perth Children's Hospital Foundation
- Protection Engineering Pty Ltd
- Stan Perron Centre of Excellence in Childhood Burns
- Telethon 7
- The Ian Potter Foundation
- Wheatley Family Foundation

Government Partners

- Western Australian Government
- Child and Adolescent Health Service
 - Department of Health
 - South Metropolitan Health Service



Contact Us

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Clinic Related Queries

Burns Service of WA

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P: +61 8 6152 0342

Children: Perth Children's Hospital

P: +61 8 6456 2222

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Foundation