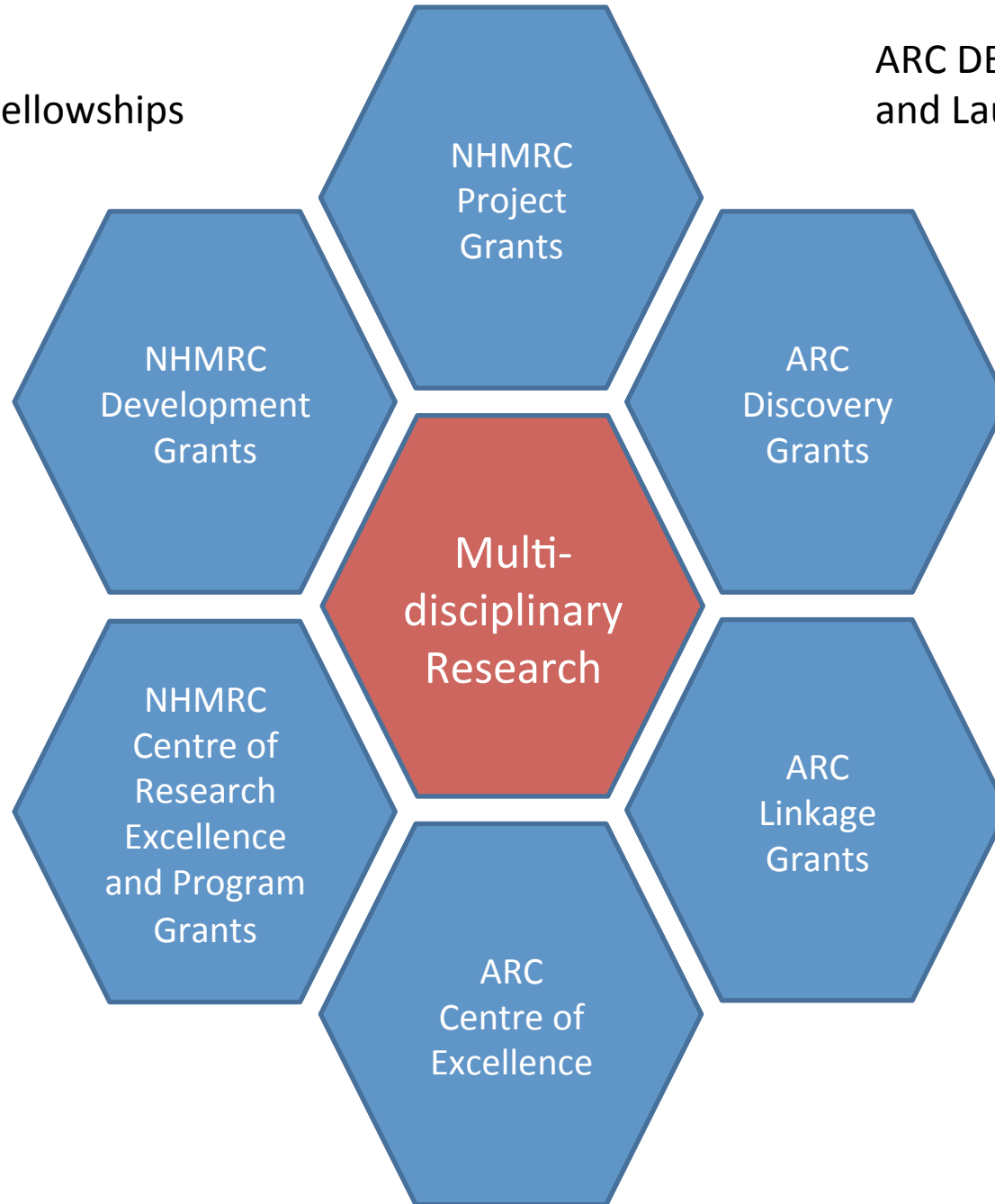
A circular arrangement of colorful human figures holding hands, forming a ring. The figures are in various colors including red, orange, yellow, green, and blue. In the center of the ring is a green oval with a blue border containing the text "Biomedical and Bioengineering Research".

Biomedical  
and  
Bioengineering  
Research

NHMRC  
Scholarships/Fellowships

ARC DECRA's/Future  
and Laureate Fellowships



LIEF Grants

## Research eligible for ARC support:

- **research in bioengineering**, where the goal is to advance engineering knowledge by applying engineering principles to problems that **may ultimately have medical applications**; or,
- **research in the natural sciences**, where the goal is the fundamental understanding of biological processes or the development of knowledge and/or technology platforms, **that may ultimately have medical applications**; or,
- research (including observational research) where the goal is the understanding of normal human life stages (e.g. infancy, childhood, adolescence and ageing) and/or traits using human participants or populations, unless it involves a health intervention; or,
- the use or development of equipment, facilities, tools, games, devices, smart phone applications or other items to support eligible research as listed above.

# Leading Transitions Program: Biomedical and Bioengineering Research at UWA

- Cross-section of research leaders spanning Faculties of Medicine, Science and Engineering
- Participants had to commit to 3-day residential course and follow-up workshops
- Of those invited, the following undertook the program (in alphabetical order):

## Medicine:

Hugh Barrett  
Pilar Blancafort  
Mariapia Degli-Esposti  
David MacKey  
Kevin Pflieger

## Science:

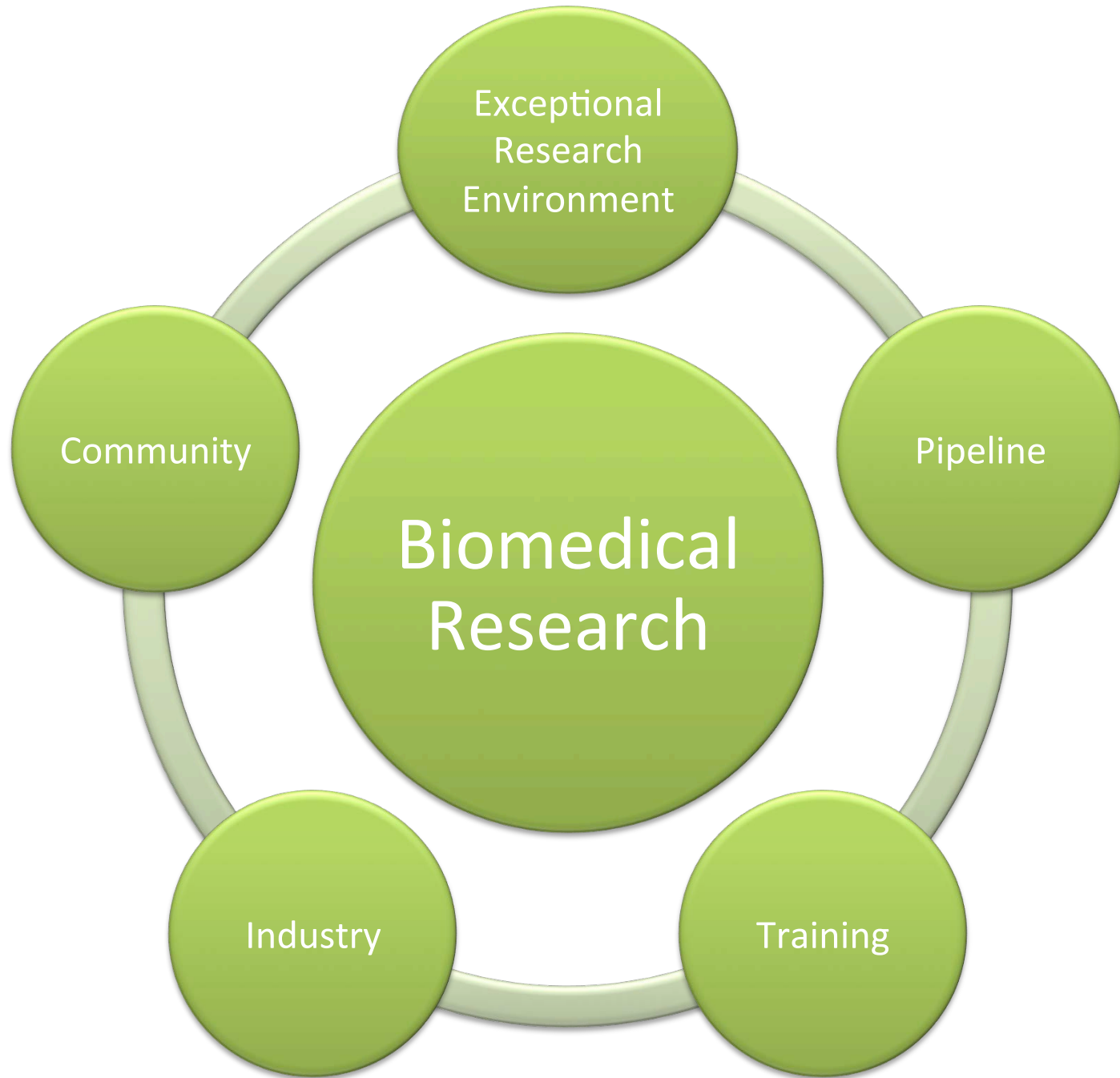
Liz Barbour  
Charlie Bond  
Danny Green  
Killugudi Swaminatha Iyer  
Ryan Lister  
Jane Pillow  
Christine Richardson  
Jenny Rodger  
Michael Rosenberg  
Ian Small

## Engineering:

Barry Doyle  
Brendan Kennedy  
David Sampson  
Tim Sercombe

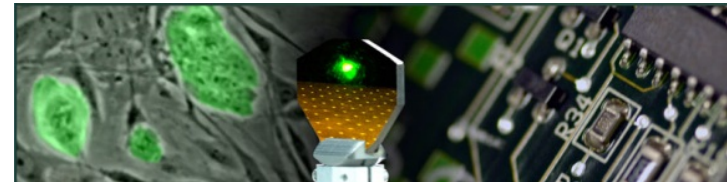
A graphic illustration featuring a circular ring of stylized human figures in various colors (red, orange, yellow, green, blue) holding hands. In the center of this ring is a light green oval with a dark green border. Inside the oval, the text "WE NEED YOUR INPUT" is written in white, uppercase letters. The word "YOUR" is underlined.

WE NEED  
YOUR INPUT



# Training

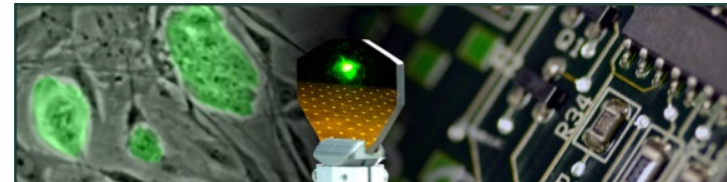
- A key goal is to create a teaching program in Biomedical Engineering at UWA
- Providing vital engineering skills across the spectrum of Biomedical research in WA
- We plan to develop a common language uniting engineers, biologists and clinicians
- Training will extend from undergraduate to postdoctoral levels



Ultimate goal: create a culture of multidisciplinary research at UWA

# Training

- Initial steps include:
  - Creation of a Masters of Biomedical Engineering
  - Creation of an interdisciplinary PhD program
- Driven by research and teaching staff across the Engineering, Science and Medicine Faculties
- We envision an undergraduate Major in Biomedical Engineering in the next 5 years
- We believe this grassroots approach is vital to break down the barriers between faculties







For more information,  
please contact  
Kelly Elliott:  
[kelly.elliott@uwa.edu.au](mailto:kelly.elliott@uwa.edu.au)