

Rigorous, Relevant Research

Health Sciences

Introduction

Aston University provides a focus for a wide range of integrated, collaborative, multidisciplinary Health Sciences research which is grouped into three key research areas:

Health and Lifespan Psychology

The Health and Lifespan Psychology Research Group uses a wide range of innovative primary and secondary research methodologies to investigate the psychological aspects of health and illness throughout the lifespan.

Pharmacy

A range of disciplines including drug formulations, drug delivery, social and behavioural science, clinical pharmacology and health services professional development are represented in the Pharmacy Research Group, which focuses upon the investigation of drug delivery, pharmacy practice and evidence-based pharmacotherapy.

Ophthalmic Research

The objective of the Ophthalmic Research Group (ORG) is to advance significantly understanding of the development, use, preservation and restoration of ocular function by research on clinical and applied matters relevant to optometry and ophthalmology.

Sponsors and funders

- FSRC
- Bayer Healthcare
- Breast Cancer Campaign
- The British Academy
- Cancer Research UK
- Chief Scientist Office (CSO)
- Higher Education Academy Psychology Network
- National Institute for Health Research (NIHR)
- Research Councils UK (RCUK)
- Write Now CETL
- Abbott Medical Optics Ltd
- Alcon Ltd
- Bausch & Lomb
- Birmingham Optical Group
- British Contact Lens Association
- College of Optometrists UK
- Dunhill Trust

- EPSRC
- Johnson & Johnson
- Hoya
- Corporation
- Lenstec
- Macular Disease Society
- Optometric Technology Group Ltd
- Rayner
- Intraocular lenses Ltd
- Ten Alps plc
- TRB Chemica Int. S.A.
- Vision Care Research Ltd
- Visual Research Trust

Key projects

- Illness management in children and adults; Illness prevention and safety behaviour; Self testing; Human development across the lifespan; Nutrition and behaviour; Reproductive health and behaviour
- Drug and Formulation development; The public policy contexts of health behaviour and medicines management; Personalised bioprofiling; Telemedicine; Electro/mechanical devices and prostheses; Sensory enhancers; Surgical procedures and equipment
- Anterior Eye; Oculomotor function; Ophthalmic imaging; Epidemiology and development of refractive error; Ocular and systemic vascular function in health and disease; Visual function and the ageing eye

► Link to group web page:

www.aston.ac.uk/lhs/research/health

Key contact

Prof Helen Pattison

Associate Director of Research, Health Sciences e-mail: h.m.pattison@aston.ac.uk tel: 0121 204 4073