Disclaimer

The original deadline within the Faculty of Medicine, Nursing and Health Sciences was 10.00am Wednesday 13\textsuperscript{th} August 2014. At the time of compiling this report to meet this deadline, no data had been received from the Research Data Team. This document has been prepared with information collected internally.
Flinders Centre for Ophthalmology, Eye and Vision Research
Table of Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mission Statement and Background to The Centre</td>
<td>4</td>
</tr>
<tr>
<td>Current Centre Membership</td>
<td>5</td>
</tr>
<tr>
<td>Director’s Report</td>
<td>6</td>
</tr>
<tr>
<td>Summary Tables of Research Outputs</td>
<td>7</td>
</tr>
<tr>
<td>Performance measured against Key Performance Indicators (KPIs)</td>
<td>8</td>
</tr>
<tr>
<td>Governance</td>
<td>11</td>
</tr>
<tr>
<td>Awards, Outreach, Notable Collaborations, and Opportunities Generated</td>
<td>12</td>
</tr>
<tr>
<td>Budget Acquittal</td>
<td>14</td>
</tr>
<tr>
<td>Viability/Financial Sustainability of FCOEVR</td>
<td>16</td>
</tr>
<tr>
<td>Appendix 1: Higher Research Degree Completions 2013-14, Load and Mentoring</td>
<td>17</td>
</tr>
<tr>
<td>Appendix 2: Publications, 2013-14</td>
<td>18</td>
</tr>
<tr>
<td>Appendix 3: Grant Income, 2013-14</td>
<td>28</td>
</tr>
<tr>
<td>Appendix 4: Presentations at Meetings, 2013-14</td>
<td>33</td>
</tr>
<tr>
<td>Appendix 5: Collaborations, 2013-14</td>
<td>46</td>
</tr>
<tr>
<td>Appendix 6: Awards and Prizes, Recognition, Competitive Fellowships, 2013-14</td>
<td>50</td>
</tr>
<tr>
<td>Appendix 7: Service to Disciplines of Ophthalmology and Optometry</td>
<td>51</td>
</tr>
<tr>
<td>Appendix 8: Centre Weekly Seminar Program Lists, 2013-14</td>
<td>58</td>
</tr>
</tbody>
</table>
Mission Statement

Blindness has an enormous impact on quality of life, may shorten life-span and, according to the World Health Organization, is the most expensive of all causes of serious disablement. Our common goal is to improve outcomes for patients in our community with blinding eye conditions.

Background to The Centre

Our Centre, first established in 2005 with support from Flinders University, conducts research related to the eye. Based in the Departments of Ophthalmology and Optometry, its members maintain extensive collaborations locally, nationally and internationally. Our common goal is to improve outcomes for patients in our community with blinding eye conditions. We focus on the nexus between vision and health, a major issue in Australia with its ageing population.

Our over-arching goal is to improve patient outcomes. Our research programs encompass basic biomedical science, applied research, clinical research, translational research, and health services management research. Our multidisciplinary research programs are geared to:

- understanding the pathophysiology and genetic background of common eye conditions;
- developing novel ophthalmic therapeutic agents and biomaterials;
- establishing and interrogating registers for common eye disorders;
- understanding the relationships between optical quality and visual performance;
- developing patient-reported measures of quality of life and new methods of care delivery;
- improving the evidence-base that underpins effective eye and vision care.

We currently focus on:

- corneal dystrophies and ectasias;
- inflammatory and infective eye conditions including corneal transplant rejection and uveitis;
- glaucoma;
- congenital and adult cataract;
- retinopathy of prematurity, diabetic retinopathy and aberrant ocular angiogenesis;
- central retinal artery and retinal vein occlusion;
- quality of life and patient-recorded outcomes.

Our key performance indicators include:

- ERA performance (discipline area of Ophthalmology and Optometry);
- PhD and other research student load and completions;
- publications in peer-reviewed journals;
- award of external grant funding;
- presentations at national and international meetings;
- research translation into clinical practice;
- collaborations;
- recognition through fellowships, awards and other esteem factors;
- service to the disciplines of Ophthalmology and Optometry.
## Current Centre Membership

### Members

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prof Keryn Williams</td>
<td>Prof Sonja Klebe</td>
</tr>
<tr>
<td>Dr Binoy Appukuttan</td>
<td>Dr John Landers†</td>
</tr>
<tr>
<td>Dr Mona Awadalla</td>
<td>Dr Shervi Lie (from Feb 2014)</td>
</tr>
<tr>
<td>Dr Paul Badenoch†</td>
<td>Dr Yeufang Ma (from July 2014)</td>
</tr>
<tr>
<td>Dr Veronika Bandara (from May 2014)</td>
<td>Dr Colm McAlinden*</td>
</tr>
<tr>
<td>Dr Helen Brereton</td>
<td>A/Prof Richard Mills†</td>
</tr>
<tr>
<td>Dr Kathryn Burdon (to Dec 2013)</td>
<td>Prof Konrad Pesudovs</td>
</tr>
<tr>
<td>A/Prof Celia Chen†</td>
<td>Dr Roman Serebrianik</td>
</tr>
<tr>
<td>Prof Jamie Craig†</td>
<td>Dr Shiwani Sharma</td>
</tr>
<tr>
<td>Dr David Hammond (to July 2014)</td>
<td>Prof Justine Smith</td>
</tr>
<tr>
<td>Dr Miriam Keane</td>
<td>Dr Melinda Tea (to May 2014)</td>
</tr>
<tr>
<td>Dr Jyoti Khadka</td>
<td>A/Prof Rod Watkins</td>
</tr>
</tbody>
</table>

### Clinical adjunct members

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr Stewart Lake†</td>
<td>Dr Niladri Saha†</td>
</tr>
<tr>
<td>Dr Raymond Loh†</td>
<td>Dr Deepa Taranath†</td>
</tr>
</tbody>
</table>

### Student members

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ms Alpana Dave</td>
<td>Dr Georgia Kaidonis</td>
</tr>
<tr>
<td>Dr Jude Fitzgerald</td>
<td>Mr Abraham Kuot</td>
</tr>
<tr>
<td>Mr Yazad Irani</td>
<td>Dr Mallika Prem Sathil</td>
</tr>
<tr>
<td>Ms Sharhbanou (Shari) Javadiyan</td>
<td>Dr Tiger Zhou</td>
</tr>
</tbody>
</table>

### Research Assistants/Associates

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ms Susan Aldhous</td>
<td>Ms Slavica Miskovich</td>
</tr>
<tr>
<td>Mr Liam Ashander</td>
<td>Ms Lauren Mortimer</td>
</tr>
<tr>
<td>Ms Shengnan Chen</td>
<td>Mrs Margaret Philpott</td>
</tr>
<tr>
<td>Mr Rhys Fogarty (to March 2014)</td>
<td>Mr Stephen Pulbrook</td>
</tr>
<tr>
<td>Dr Rachel Galettis</td>
<td>Ms Emmanuelle Souzeau</td>
</tr>
<tr>
<td>Ms Ashleigh Hocking</td>
<td>Mr Andrew Stempel</td>
</tr>
<tr>
<td>Ms Sarah Martin</td>
<td></td>
</tr>
</tbody>
</table>

### Adjunct members

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mr Andrew Brown</td>
<td>Mrs Lefta Leonatos</td>
</tr>
<tr>
<td>Ms Madi Helm</td>
<td>Ms Bronwyn Ridge</td>
</tr>
<tr>
<td>Mrs Vicky Jones</td>
<td>Ms Karina Skrzpiec</td>
</tr>
</tbody>
</table>

### Research Development Officers

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ms Deb Sullivan</td>
<td>Ms Anne Cazneaux</td>
</tr>
</tbody>
</table>

† SA Health/SA Pathology/FMC staff members

* FUSA Visiting Adjunct Lecturer/University of Ulster, United Kingdom
Director's Report, 2013-14

Executive Summary
Our Centre conducts research related to the eye. Based in the Departments of Ophthalmology and Optometry, our approaches include programs in basic biomedical science, strategic and applied research, clinical and translational research, and health services management research.

Research student completions and current load (Appendix 1)
During 2013, two students were awarded the degree of PhD and one the degree of BSc (Hons). We currently supervise 6 PhD students (5 supported by competitive scholarships) and one Masters student, all enrolled through Flinders University.

Publications (Appendix 2)
Since January 2013, members of the Centre have published (or have in press) 104 primary research articles in peer-reviewed journals, 17 of which were co-authored by our research students. Centre members also published 5 book chapters and 15 other letters and editorials in referred journals.

External grant funding (Appendix 3)
Centre members generated over $3M in competitive external research grant income as Chief Investigators in 2013 and have generated over $3M thus far in 2014. One member was awarded an ARC Future Fellowship in late 2013.

Presentations at national and international meetings (Appendix 4)
Since January 2013, Centre members have delivered 111 presentations at international meetings and 35 at national meetings. Of these, 55 were by invitation.

Collaborations (Appendix 5)
Centre members maintain extensive collaborations locally, nationally and internationally.

Competitive fellowships, awards and prizes, recognition (Appendix 6)
Members include one NHMRC Principal Research Fellow, one NHMRC Practitioner Fellow and one ARC Future Fellow.

Service to disciplines of Ophthalmology and Optometry (Appendix 7)
Members belong to a variety of professional organizations, have organized scientific meetings, sit on national committees and editorial boards, and undertake extensive peer-review including on grant and fellowship review panels.

Research translation (Appendix 8)
The Centre operates the NHMRC Centre for Clinical Eye Research in Evidence Based Ophthalmology, the Australian and New Zealand Ophthalmic Surveillance Unit, the Australian and New Zealand Registry of Advanced Glaucoma, the Australian Corneal Graft Registry and the Eye Bank of SA. Members ran an Evidence-based Ophthalmology Workshop in Hobart in 2013 and have run an Evidence-based Optometry Workshop in Adelaide in 2014.

Alignment with University Strategic Plan
We are increasing our research student load and mentoring, increasing our research outputs, growing our Centre size, increasing our collaborations, and increasing our service to the discipline and community, including the Indigenous community.
### Membership Details

<table>
<thead>
<tr>
<th>Years</th>
<th>Core Researchers</th>
<th>Clinical Associates</th>
<th>Students</th>
<th>Research Assistants</th>
<th>Adjunct Members/Others</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005-2008</td>
<td>12</td>
<td>8</td>
<td>7</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>2009-2012</td>
<td>19</td>
<td>4</td>
<td>12</td>
<td>7</td>
<td>8</td>
</tr>
<tr>
<td>2012-2013</td>
<td>22</td>
<td>5</td>
<td>12</td>
<td>12</td>
<td>10</td>
</tr>
</tbody>
</table>

### Publications

<table>
<thead>
<tr>
<th>Year</th>
<th>Totals</th>
<th>Peer Reviewed</th>
<th>Other</th>
<th>Book Chapter/Book</th>
<th>Sum (2008-2010)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008</td>
<td>37</td>
<td>37</td>
<td></td>
<td></td>
<td>147</td>
</tr>
<tr>
<td>2009</td>
<td>64</td>
<td>55</td>
<td>7</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>2010</td>
<td>62</td>
<td>55</td>
<td>5</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>2011</td>
<td>76</td>
<td>70</td>
<td>5</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>2012</td>
<td>92</td>
<td>85</td>
<td>6</td>
<td>1 book</td>
<td>220</td>
</tr>
<tr>
<td>2013</td>
<td>75</td>
<td>65</td>
<td>7</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

### Grant Income

<table>
<thead>
<tr>
<th>Year</th>
<th>Totals</th>
<th>Sum (2008-2010)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008</td>
<td>$2,075,825.00</td>
<td>$7,332,369.00</td>
</tr>
<tr>
<td>2009</td>
<td>$2,593,248.00</td>
<td>$7,332,369.00</td>
</tr>
<tr>
<td>2010</td>
<td>$2,663,296.00</td>
<td>$7,332,369.00</td>
</tr>
<tr>
<td>2011</td>
<td>$2,894,842.00</td>
<td>$9,353,624.00</td>
</tr>
<tr>
<td>2012</td>
<td>$2,952,714.00</td>
<td>$9,353,624.00</td>
</tr>
<tr>
<td>2013</td>
<td>$3,506,068.00</td>
<td>$9,353,624.00</td>
</tr>
</tbody>
</table>

### Presentations at Meetings

<table>
<thead>
<tr>
<th>Year</th>
<th>International</th>
<th>National</th>
<th>Invited</th>
<th>Sum (2008-2010)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008</td>
<td>7</td>
<td>13</td>
<td>7</td>
<td>65</td>
</tr>
<tr>
<td>2009</td>
<td>39</td>
<td>28</td>
<td>23</td>
<td></td>
</tr>
<tr>
<td>2010</td>
<td>46</td>
<td>26</td>
<td>35</td>
<td></td>
</tr>
<tr>
<td>2011</td>
<td>36</td>
<td>12</td>
<td>27</td>
<td></td>
</tr>
<tr>
<td>2012</td>
<td>21</td>
<td>10</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>2013</td>
<td>80</td>
<td>23</td>
<td>43</td>
<td></td>
</tr>
</tbody>
</table>

Sum (2011-2013) 85
Performance measured against our Key Performance Indicators (KPIs)

Key performance indicators

- PhD and other research student load and completions;
- publications in peer-reviewed journals;
- award of external grant funding;
- presentations at national and international meetings;
- research translation into clinical practice;
- establishment and maintenance of collaborations;
- recognition through fellowships, awards and other esteem factors;
- service to the disciplines of Ophthalmology and Optometry; and
- ERA performance.

The evidence for the following summary of performance outcomes may be found in Appendices 1-8.

Goal 1: Increase the level of high-quality research activity. Encourage, support and expand multi-disciplinary research teams and next generation research.

- KPI: Number of publications in peer-reviewed journals will increase by 10% over three years, compared with baseline (2008-10 = 147). This KPI has been met. From 2011-13 inclusive, we published 220 articles in peer-reviewed journals.

- KPI: Support the next generation of researchers by increasing the number and size of our multidisciplinary research teams and the number of young researchers. The FCOEVR has met this goal. Overall membership of the Centre has increased. The Optometry research unit includes early-career researchers (e.g. Dr Jyoti Khadka). The specialist national registries in Ophthalmology operated through the Centre have increased in size, and also include young researchers (e.g. Dr Miriam Keane, accepted in 2014 into the DVC-R's young research leaders' programme). The actual and virtual sizes of the major research teams have grown, supported by new research grants and through new local, national and international collaborations.

- A major new research team was established in 2013 with the arrival of a Level E Strategic Research Professor, Professor Justine Smith, now an ARC Future Fellow. Professor Smith brought a research team of three individuals (including a mid-career researcher, Dr Appukuttan) with her from Oregon, USA. Her team has now already grown to seven, including two early career researchers. Our research teams include ophthalmologists, optometrists, a pathologist, scientists, a genetic counsellor and a psychologist, and are truly multidisciplinary in nature.

- Two members of the Centre, Professor Justine Smith and Professor Keryn Williams, joined the University's mentoring Scheme for Early Career Researchers as mentors in 2014.

Goal 2: Recruit and graduate RHD students. Enhance the research environment to attract, retain and increase higher degree research student load.

- KPI: Recruit one new externally-funded postgraduate student in the next two years and increase the number of PhD students within the Centre by two, subject to available space. This KPI was met. One new PhD student was recruited in 2013 and two PhD students, Dr Georgia Kaidonis and Dr Tiger Zhou, were awarded externally-funded scholarships.
Goal 3: Compete effectively in the external funding environment and improve national and international recognition. Build links with industry and other external bodies.

- **KPI: Ten percent increase in dollar amount of external grant support over past three years, compared with baseline.** The FCOEVR has met this goal. Baseline research funding totalled $7,332,369 over 3 years (2008-10). Over 2011-13, we generated AUD$8,522,022 in competitive external research grant income as Chief Investigators, including from National Category 1 funding bodies, especially from the NHMRC.

- **KPI: Increase the number of research collaborations, compared with baseline.** The FCOEVR has met this goal. The Centre now manages over 88 active collaborations, a substantial increase from baseline. The majority are academic collaborations, but we also collaborate with industry partners (e.g. CSL Ltd/Bio21), with government (e.g. Royal Society for the Blind) and community groups (e.g. Keratoconus Australia).

- **KPI: Increase members’ attendance as invited speakers at national and international conferences.** The FCOEVR has met this goal. At baseline (2008-2010), members had presented 65 invited talks at international and national conferences. Over the past three years, the number has grown to 85 such invitations.

- **KPI: Increase membership of key committees and societies by 5%, compared with baseline.** At baseline, memberships of key committees and societies totalled 39. Currently, members belong to, or serve upon, over 100 such committees and societies. Student members belong to additional societies. The FCOEVR has thus met its KPI of a 5% increase over the past 3 years. Of note, Professor Smith was President of the Association for Research in Vision and Ophthalmology (ARVO), the premier international body representing eye and vision researchers, during 2013-4.

- **KPI: Increase industry contracts by two over three years.** The FCOEVR has not met this goal. One new contract is in place, with Circadian Ltd. Some additional contracts have been generated (e.g. with SpecSavers), but these are for purposes of clinical care or teaching, rather than research.

Goal 4: Contribute to the social, cultural and economic wellbeing of the community.

- **KPI: Organise one Evidence-Based Ophthalmology Workshop per year.** The FCOEVR organised an Evidence-based Ophthalmology Workshop in Hobart in 2013 and have already run an Evidence-based Optometry Workshop in Adelaide in 2014. The purpose of these translational meetings is to encourage ophthalmologists, optometrists and others involved in eye care to consider everyday clinical problems in the context of evidence-based research, and to provide practical and applied instruction in its principles.

- **KPI: Increase collaborations with external researchers in areas of community need, compared with baseline.** The FCOEVR has met this goal by establishing new collaborations with bodies such as the Royal Society for the Blind, Keratoconus Australia, and the Multiple Sclerosis (MS) Society.

- **KPI: Centre seminar program, held weekly during University semesters, should involve speakers from outside the Centre and focus on interdisciplinary research.** A summary of Centre Seminar Program for 2013 is attached (Appendix 8). The Program operates from March to December each year during University semesters and includes both internal and external speakers. The aim is to maintain links between the research and clinical arms of the Centre, and to ensure members are keep up to-date with developments within and outside their professional fields.
Goal 5: Achieve sustainability in the broad sense (not necessarily financial) and return value to the University on its investment.

- The FCOEV R is a vibrant and productive group that has brought far more into Flinders University in terms of RIBG, SRE, RTS, patent income and the infrastructure levy, than it has cost in terms of centrally-provided Research Development Officer (RDO) salaries.

- We have increased the University’s reputation through our publications, presentations, collaborations, awards, services to our discipline, and most recent ERA success (ERA = 5).
Governance
Governance of the Centre operates through an Executive Group comprising Professor Keryn Williams (contact for the University), A/Professor Richard Mills, A/Professor Jamie Craig, Professor Konrad Pesudovs, Professor Justine Smith and A/Professor Celia Chen, supported by the Centre's senior Research Development Officer (RDO), Ms Deb Sullivan. The FCOEVR Executive Group meets formally twice yearly, but is convened more frequently on an ad hoc basis when circumstances require. FCOEVR Executive Group meeting Minutes can be made available for review at request. FCOEVR Executive Group meetings are minuted and are available for review if required by the Deputy Vice-Chancellor (Research).
Awards, Outreach, Notable Collaborations, and Opportunities Generated

Overview
Since its inception in early 2005, our Centre has generated a high profile, many publications and substantial income for the University. We are at the forefront of the fight against blinding eye disease. A powerful mechanism for translation is to keep research anchored in clinical practice, and a distinctive feature of our Centre has been the close integration of laboratory and clinical research, which has been a key factor in our success. Our results in the most recent ERA round (a score of 5, equivalent to "well world average") for Ophthalmology and Optometry indicate that we are performing well.

External fellowships
Externally-funded competitive research fellowships at all levels speak to external recognition of excellence. Professor Keryn Williams’ NHMRC Principal Research Fellowship was renewed again for 2011-2015. Professor Jamie Craig’s NHMRC Practitioner Fellowship was renewed again for 2013-2017. Professor Justine Smith won an ARC Future fellowship for 2014-18.

Meetings organised
Australia and New Zealand Cornea Society Meetings
In March 2013 the Centre organised and hosted the 30th Australia and New Zealand Cornea Society Meeting. This national meeting attracts approximately 100 delegates and in 2013 hosted an international speaker, Dr Frank Larkin, University College, London. A/Professor Richard Mills was the convenor for 2013 and the meeting was organised by RDO Ms Deb Sullivan.

World Glaucoma Week 2014
Coinciding with World Glaucoma Week 2014, the FCOEVR’s ANZ Registry of Advanced Glaucoma held an event at Flinders Medical Centre in March 2014 to celebrate the week. Patients were personally invited to attend along with their family members and friends. Prof Jamie Craig presented the results from the Registry and discussed family implications of genetic testing for glaucoma. The event was very successful and received very positive feedback from those attending.

Evidence-Based Ophthalmology Workshop
Under the auspices of FOCEVR, the Evidence-Based Ophthalmology Workshop was held once again in November, 2013 to coincide with the RANZCO’s 45th Annual Scientific Congress being held in Hobart. Invited speakers included Winthrop Professor Elizabeth Rakoczy (University of WA & Lions Eye Institute), Dr Con Petsoglou (University of Sydney), Dr Michael Lawless (Vision Eye Institute) and A/Professor Brendan Vote (University of Tasmania).

At the request of the Tasmanian Branch of RANZCO, a joint meeting with our group with the theme of Evidence-Based Ophthalmology has been confirmed for June 2014.

Evidence-Based Optometry Conference
The Evidence-Based Optometry Conference was held for the first time in Adelaide in April 2014. Hosted by Professor Konrad Pesudovs, the invited speakers included Dr Laura Downie (Dept of Optometry and Vision Sciences, University of Melbourne), Dr Isabelle Jalbert (School of Optometry and Vision Science, University of NSW) and Mr Brad Kirkwood (practising Optometrist, Queensland). This was a successful meeting and it is planned
for the conference to become an annual event with discussion already underway for a meeting in 2015.

**Ophthalmology Seminar Program**
The Ophthalmology Seminar Program is operated by the Centre from March to December each year during University semesters. The program includes both internal and external speakers. The aim is to maintain links between the research and clinical arms of the Centre, and to ensure members are kept up-to-date with developments within and outside their professional fields. The Seminar Program schedules for 2013 and 2014 can be found in Appendix 8.

**Other Notable Achievements**

**Flinders Vision**
The Flinders Vision clinic opened early in 2014 and forms part of Optometry and Vision Science. With the aim to provide the best possible eye care by using the latest technology, it is the only optometry clinic in South Australia that provides access to such a comprehensive range of imaging and diagnostic equipment in one location. It will provide additional opportunities for research.

**Flinders Undergraduate Teaching**
The FCOEVR is a research centre, but members, including research-only and clinical staff, provide teaching to undergraduate students of Flinders University. In 2013-2014, we provided undergraduate teaching to students across years 2, 3 and 4 of the graduate entry MD programme and years 4 and 5 of the MOptom programme. In the medical course, this included the entirety of ocular anatomy, visual physiology and clinical ophthalmology teaching contained within the course, to the undergraduate students via lectures, a PBL tutorial, a clinical skills-based eye and vision practical, ophthalmology clinical skills tutorials, clinical placement of all Adelaide-based year 3 students, written and practical examination questions in ophthalmology and visual science, and 6 week clinical attachments and research electives for year 4 students and external Australian or international medical students within the Department of Ophthalmology.

Commencing early 2013, we also designed and ran the year 4 Optometry topic “Ophthalmology”, comprising 57 lectures (55 of which were conducted by members of FCOEVR), allocation of students to the Ophthalmology Department weekly teaching sessions, and written and practical examinations. A number of FCOEVR staff have also contributed to teaching in the MOptom programme at years 2, 3 and 4, across a number of different topics, including Immunology and Microbiology, Skills for Medical Scientists 2, Communication for the Consulting Room and Knowledge of Health & Illness for Optometrists 2. Commencing early 2014, we have accepted the entire cohort of final year Optometry students on 2 week clinical attachments in the Eye Clinic.
## Budget Acquittal December 2013 and June 2014

### December 2013

**Cost Centre:** 519 (Flinders Centre for Ophthalmology, Eye & Vision Research)  
**Project:** 36295 (2010/13 RIBG/ASRI Flinders Cntr Ophthalmology Eye Vision Resch)  
**Source:** 010 (Infrastructure Funds)

<table>
<thead>
<tr>
<th>Income</th>
<th>Carry Forward</th>
<th>Income</th>
<th>Expenses</th>
<th>Commitment</th>
<th>Surplus / (Deficit)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0986 - Intra-Faculty or Intra-Portfolio Transfer</td>
<td>0</td>
<td>20,000</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>9296 - Funds Brought Forward</td>
<td></td>
<td>13,924</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL INCOME &amp; CARRY FORWARD</strong></td>
<td></td>
<td>13,924.40</td>
<td>20,000.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

**Salaries**

- 1292 - Admin Contract staff transfers 0 0 (26,820) 0 0
- 1800 - Severance Levy (Admin Contract) 0 0 578 0 0
- 1801 - Salaries (Admin Contract) 0 0 54,174 0 0
- 1803 - Payroll Tax (Admin Contract) 0 0 3,491 0 0
- 1804 - Superannuation (Admin Contract) 0 0 8,363 0 0
- 1805 - Award/SGC Super (Admin Contract) 0 0 1,792 0 0
- 1806 - Workers Comp (Admin Contract) 0 0 807 0 0
- 1807 - Annual Leave Paid (Admin Contract) 0 0 4,224 0 0
- 1808 - Long Service Leave Paid (Admin Contract) 0 0 1,964 0 0
- 1814 - Admin Contract LSL Levy 0 0 380 0 0

**Total Salaries**

- 0.00 0.00 48,951.92 0.00 (48,951.92)

**Non Salaries**

**Total Non Salaries**

- 0.00 0.00 0.00 0.00 0.00

**TOTAL EXPENDITURE**

- 0.00 0.00 48,951.92 0.00 (48,951.92)

**TOTAL**

- 13,924.40 20,000.00 48,951.92 0.00 (15,027.52)

### Cost Centre: 519 (Flinders Centre for Ophthalmology, Eye & Vision Research)  
**Project:** 36372 (2010/15 Op Grant ASRI Flinders Cntr Ophthalmology Eye Vision)  
**Source:** 009 ((URB) University Research Budget)

<table>
<thead>
<tr>
<th>Income</th>
<th>Carry Forward</th>
<th>Income</th>
<th>Expenses</th>
<th>Commitment</th>
<th>Surplus / (Deficit)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0987 - Research Budget Transfers</td>
<td>0</td>
<td>100,000</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>9296 - Funds Brought Forward</td>
<td></td>
<td>(39,549)</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL INCOME &amp; CARRY FORWARD</strong></td>
<td></td>
<td>(39,548.77)</td>
<td>100,000.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

**Salaries**

- 1299 - Admin Continuing staff transfers 0 0 (10,173) 0 0
- 1800 - Severance Levy (Admin Contract) 0 0 538 0 0
- 1801 - Salaries (Admin Contract) 0 0 49,645 0 0
- 1803 - Payroll Tax (Admin Contract) 0 0 3,277 0 0
- 1804 - Superannuation (Admin Contract) 0 0 7,807 0 0
- 1805 - Award/SGC Super (Admin Contract) 0 0 1,673 0 0
- 1806 - Workers Comp (Admin Contract) 0 0 753 0 0
- 1807 - Annual Leave Paid (Admin Contract) 0 0 5,113 0 0
- 1808 - Long Service Leave Paid (Admin Contract) 0 0 1,964 0 0
- 1814 - Admin Contract LSL Levy 0 0 357 0 0

**Total Salaries**

- 0.00 0.00 60,954.57 0.00 (60,954.57)

**Non Salaries**

**Total Non Salaries**

- 0.00 0.00 0.00 0.00 0.00

**TOTAL EXPENDITURE**

- 0.00 0.00 60,954.57 0.00 (60,954.57)

**TOTAL**

- (39,548.77) 100,000.00 60,954.57 0.00 (903.34)
### June 2014

<table>
<thead>
<tr>
<th>Carry Forward</th>
<th>Income</th>
<th>Expenses</th>
<th>Commitment</th>
<th>Surplus / (Deficit)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Cost Centre: 519 (Flinders Centre for Ophthalmology, Eye & Vision Research)


**Source: 010 (Infrastructure Funds)**

<table>
<thead>
<tr>
<th>Income</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>0986 - Intra-Faculty or Intra-Portfolio Transfer</td>
<td>0</td>
<td>20,000</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>9296 - Funds Brought Forward</td>
<td>(15,028)</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>TOTAL INCOME &amp; CARRY FORWARD</strong></td>
<td>(15,027.52)</td>
<td>20,000.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Salaries</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1800 - Severance Levy (Admin Contract)</td>
<td>0</td>
<td>0</td>
<td>16</td>
<td>0</td>
</tr>
<tr>
<td>1801 - Salaries (Admin Contract)</td>
<td>0</td>
<td>0</td>
<td>1,420</td>
<td>0</td>
</tr>
<tr>
<td>1803 - Payroll Tax (Admin Contract)</td>
<td>0</td>
<td>0</td>
<td>92</td>
<td>0</td>
</tr>
<tr>
<td>1804 - Superannuation (Admin Contract)</td>
<td>0</td>
<td>0</td>
<td>222</td>
<td>0</td>
</tr>
<tr>
<td>1805 - Award/SGC Super (Admin Contract)</td>
<td>0</td>
<td>0</td>
<td>48</td>
<td>0</td>
</tr>
<tr>
<td>1806 - Workers Comp (Admin Contract)</td>
<td>0</td>
<td>0</td>
<td>21</td>
<td>0</td>
</tr>
<tr>
<td>1807 - Annual Leave Paid (Admin Contract)</td>
<td>0</td>
<td>0</td>
<td>167</td>
<td>0</td>
</tr>
<tr>
<td>1814 - Admin Contract LSL Levy</td>
<td>0</td>
<td>0</td>
<td>10</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total Salaries</strong></td>
<td>0.00</td>
<td>0.00</td>
<td>1,996.74</td>
<td>0.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Non Salaries</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

| **TOTAL EXPENDITURE**                   | 0.00   | 0.00     | 1,996.74    | 0.00                |

| **TOTAL**                               | (15,027.52) | 20,000.00 | 1,996.74    | 0.00                |

**Cost Centre: 519 (Flinders Centre for Ophthalmology, Eye & Vision Research)**


**Source: 009 ((URB) University Research Budget)**

<table>
<thead>
<tr>
<th>Income</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>0987 - Research Budget Transfers</td>
<td>0</td>
<td>100,000</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>9296 - Funds Brought Forward</td>
<td>(903)</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>TOTAL INCOME &amp; CARRY FORWARD</strong></td>
<td>(503.34)</td>
<td>100,000.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Salaries</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1800 - Severance Levy (Admin Contract)</td>
<td>0</td>
<td>0</td>
<td>476</td>
<td>499</td>
</tr>
<tr>
<td>1801 - Salaries (Admin Contract)</td>
<td>0</td>
<td>0</td>
<td>44,178</td>
<td>51,257</td>
</tr>
<tr>
<td>1803 - Payroll Tax (Admin Contract)</td>
<td>0</td>
<td>0</td>
<td>2,802</td>
<td>2,892</td>
</tr>
<tr>
<td>1804 - Superannuation (Admin Contract)</td>
<td>0</td>
<td>0</td>
<td>6,773</td>
<td>6,992</td>
</tr>
<tr>
<td>1805 - Award/SGC Super (Admin Contract)</td>
<td>0</td>
<td>0</td>
<td>1,451</td>
<td>1,498</td>
</tr>
<tr>
<td>1806 - Workers Comp (Admin Contract)</td>
<td>0</td>
<td>0</td>
<td>653</td>
<td>674</td>
</tr>
<tr>
<td>1807 - Annual Leave Paid (Admin Contract)</td>
<td>0</td>
<td>0</td>
<td>3,381</td>
<td>0</td>
</tr>
<tr>
<td>1808 - Long Service Leave Paid (Admin Contract)</td>
<td>0</td>
<td>0</td>
<td>821</td>
<td>0</td>
</tr>
<tr>
<td>1814 - Admin Contract LSL Levy</td>
<td>0</td>
<td>0</td>
<td>305</td>
<td>315</td>
</tr>
<tr>
<td><strong>Total Salaries</strong></td>
<td>0.00</td>
<td>0.00</td>
<td>60,840.30</td>
<td>64,128.14</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Non Salaries</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>(4,563.18)</td>
</tr>
</tbody>
</table>

| **TOTAL EXPENDITURE**                   | 0.00   | 0.00     | 65,483.48   | 64,128.14           | (129,611.62) |

| **TOTAL**                               | (503.34) | 100,000.00 | 65,483.48   | 64,128.14           | (30,114.96) |
Viability/Financial Sustainability of FCOEVR

Flinders University has supported the Centre over the past six years (2009-14) through providing funding for Ms Cazneaux (0.7 FTE), and since 2010, Ms Sullivan (1.0 FTE). These appointments have been essential to the on-going success of FCOEVR. The sustained input of these RDOs has been largely responsible for our increased (and ever-increasing) research performance and reputation, and clearly contributed to Flinders University’s discipline of Ophthalmology and Optometry receiving a 2010 ERA ranking of 4 and a ranking of 5 in the most recent round.

The success of FCOEVR can be attributed, however, to a number of additional factors. The FCOEVR is an excellent example of the value-adding that provision of support (financial and in-kind) from the Office of the DVC(R) can generate. The ability of Centre members, in particular our clinician-scientists, to embrace and promote the concept of the Centre has created vigour and new opportunities for funding and partnerships. From its original establishment as the Eye and Vision ASRI to the current FCOEVR, the Centre has proven to be viable and has been increasing in size and stature. Its success is best measured against the key academic performance indicators (KPIs) that were outlined for the Eye and Vision ASRI in 2007-8. As shown herein, almost all KPIs have been met, and have far exceeded expectation in some instances. When measured against the baseline performance of the Department in 2007, there is evidence of well-managed growth in terms of academic measures of research productivity. However, we consider that our research focus on eye disease, and our ability to translate our research to meet patient and community needs, is equally as important.

The Operating Budget for the Department of Ophthalmology does not contain an allocation for research support. The Department of Ophthalmology is a joint University and Flinders Medical Centre Department and historically, administrative support was provided via a hospital-funded position. However, administrative support to FUSA researchers was very limited and with the many changes occurring in SA Health, this position disappeared over a decade ago. The majority of external grants do not provide for research management support and this, along with the fact that the Centre does not receive performance-based funding from the School of Medicine, has made it difficult to appoint research administrative staff. Thus, unlike some other Units, we do not see financial rewards for student load, completions, publications, or grant income, other than provided competitively through the FHS Research Committee to individual Centre members through the annual small grants round.

For continued growth and on-going success, the FCOEVR will be reliant upon on-going funding from the Office of the DVC(R) after the current funding agreement ceases in December 2015. This would enable the continuation of contracts for Ms Deb Sullivan and Ms Anne Cazneaux who, as previously noted, are essential to the operation and success of the Centre.
Appendix 1

Higher Research Degree completions 2013-14, current load and mentoring

In 2013, the following students were awarded the degree of PhD:

- Dr Mona Awadalla
- Dr Alison Clarke

The following Honours student completed their candidature:

- Ms Ha Ae Bae

Our current Master student is:

- Dr Jude Fitzgerald

Our current PhD students, enrolled through Flinders University, are:

- Ms Alpana Dave (supported by a FURS)
- Mr Yazad Irani (supported by a FURS)
- Ms Shari Javadiyan (supported by a FURS)
- Mr Abraham Kuot (supported by a FURS)
- Dr Georgia Kaidonis (supported by FURS)
- Dr Tiger Zhou (supported by Lions Medical Research Foundation Scholarship)

Additional students are being co-supervised by Centre members.
Appendix 2
Publications, 2013-2014

Publications in refereed journals, 2013


26. Hirneiss, C., Reznicek, L., Vogel, M., **Pesudovs, K.** The impact of structural and functional


**Other Publications: Letters, Editorials, Articles, Book Reviews Etc.**


5. Smith JR. A list of the most important papers published in 2012 related to the subspecialty of uveitis for residents. On: ONE Network @ www.aao.org. 10/1/2013.


**Book Chapters**


**Publications in refereed journals, 2014**


Editorials, Letters to The Editor (by invitation)

2. Coster DJ, Keane MC, Williams KA. Reply to correspondence from Dr Baydoun, Dr Liarakos, Dr Dapena and Dr Melles. Ophthalmology 2014 (in press 05-06-2014).

(Editorial: Patel SV, Armitage WJ, Claesson M. Keratoplasty outcomes: are we making advances? Ophthalmology 2014;121:977-8.)


BOOK CHAPTERS

Appendix 3
Grant Income, 2013-2014

2013


2008-2013, RANZCO Eye Foundation. R. Mills and K. Pesudovs. Australian and New Zealand Surveillance Ophthalmic Unit. $619,000 ($103,166pa)

2010-2013, NHRMC Career Development Award #595944. K. Burdon. The identification of genes for common blinding disorders through genome wide analysis. $377,000 ($94,250pa)


2012-2013, Circadian Ltd & Flinders University Collaborative Research Grant. K. Williams, S. Klebe and R. Mills. Anti-vascular endothelial growth factor-C biologics to prolong corneal allograft survival. $15,000 (matching funds from Circadian Ltd), $30,000 (matching funds from Circadian Ltd)


2013, ORIA. K. Burdon and J. Craig. Identification and Characterisation of further novel genes for primary open angle glaucoma from a large Genome-Wide Association study. $49,500


2013, Channel 7 Children's Research Foundation. K. P. Burdon and S. Sharma. Gene identification in congenital cataract using high throughput sequencing technologies. $70,000

2013, Faculty of Health Sciences, Equipment grant. J. Carr, K. Williams and J. R. Smith. Cryogenic liquid nitrogen storage unit. $29,501


2013, Flinders Centre for Innovation in Cancer. S. Klebe and K. Williams. Combined blockade of aquaporin 1 and VEGF-A to inhibit growth of malignant mesothelioma. $15,000

2013, Faculty of Health Science, Seeding grants. S. Klebe and K. Williams. Establishment of an animal model of malignant mesothelioma to assess the effectiveness of inhibition of VEGFA in vivo. $16,000


2013, FMC Foundation Seeding - ECR grant. T. Loestscher and C. Chen. Using eye-tracking glasses for improved diagnosis of spatial neglect. $17,597

2013, FMC Foundation Seeding grant. J. R. Smith and B. Appukuttan. Autophagy and the retinal endothelial cell: implications for diabetic retinopathy. $19,959

2013, ORIA/Rebensson Bequest Grant. K. Williams, H. Brereton and D. Coster. Reducing Corneal Transplant Failure (towards operational tolerance for corneal transplantation). $49,500

2013, FMC Foundation Research, top up grant. K. Williams, H. Brereton, S. Klebe and C. Chen. Anti-vascular endothelial growth factor-B as a biologica for treating eye disease. $15,686

2013-2015, NHMRC Project grant #1048302. L. Keay, L. Meuleners, K. Pesudovs, P. McCluskey, S. Boufous, J. Ng, N. Morlet and F. Stapleton. Understanding the impact of cataract vision impairment on risk of falling. $775,262 ($258,420pa)

2013-2015, Flinders University DVCR. K. Williams. Flinders Centre for Ophthalmology, Eye & Vision Research. $360,000 ($120,000pa)


2014


2011-2015, NHMRC Principal Research Fellowship #1002044. K. Williams. Improving Eye Health. $795,074 ($160,522)


2012-2015, NHMRC Project Grant #1031838. K. Pesudovs. *A system for measurement of vision specific quality of life using item banking and computer adaptive testing (ViSBank).* $823,522 (2014: $267,212)

2012-2016, NHMRC Centre for Research Excellence #1023911. D. Mackey, K. Burdon, A. Hewitt and J. Craig. *Translation of genetic eye research (TOGER).* $2,500,000 (FU-$999,955.60) ($166,659pa)


2013-2015, NHMRC Project grant #1048302. L. Keay, L. Meuleners, K. Pesudovs, P. McCluskey, S. Boufous, J. Ng, N. Morlet and F. Stapleton. *Understanding the impact of cataract vision impairment on risk of falling.* $775,262 ($258,420pa)

2013-2015, Flinders University DVCR. K. Williams. *Flinders Centre for Ophthalmology, Eye & Vision Research.* $360,000 ($120,000pa)


2014, Ophthalmic Research Institute of Australia (ORIA). S. Sharma and J. E. Craig. *Molecular investigation of two novel genes associated with glaucoma blindness.* $50,000


2014-2016, NHMRC #1065433 J. E. Craig. *Disease Registry based approaches to determining molecular risk factors for glaucoma blindness, and applying them in clinical practice.* $387,298 ($129,099pa)
2014-2016, Avant DIT Research Scholarship. G. Kaidonis. *Investigation of the genetic aspects contributing to the development of diabetes related blindness.* $50,000 (Scholarship)


2014-2017, Australian Research Council (ARC Future Fellowship). J. R. Smith. *Molecular activities of retinal endothelial cells, retinal disease processes, biological therapies to address efficacy and safety deficiencies of current treatments.* $989,144 ($247,286pa)
Appendix 4
Presentations at Meetings, 2013-2014

Dr Binoy Appukuttan

Presentations at international and national meetings
2013: Association for Research in Vision and Ophthalmology (ARVO). Appukuttan B, Wilmarth PA, Pan A, David LL, Smith J. Inflammatory and neovascular markers identified by deep shotgun proteomic profiling of human retinal and choroidal vascular endothelial cells

Mr Liam Ashander

Presentations at international and national meetings

Dr Mona Awadalla

Dr Kathryn Burdon

Sessions Chaired
2013: Australian Ophthalmology and Vision Science meeting, Hobart, Tasmania, November

Organising Committee
2014: Lorne Genome Conference, Lorne, Victoria, February 2015
2014: Convenor, 10th Australasian Gene Mapping Meeting (GeneMapper’s), Barossa Valley, SA, May

Invited talks: International and national meetings

Presentations at international and national meetings
2013: AMATA (Australian Microarray and Associated Technology Association) Annual Meeting, Gold Coast October. Kathryn P Burdon, Rhys Fogarty, Nikolai Petrovsky, Mark Gillies, Mark Daniell, Sotoodeh Abhary, Gowthaman Govindarjan, Periasamy Sundaresan, Georgia Kaidonis, Alicia Jenkins, John Chang, Rohan Essex, Bishwanath Pal, Jamie E Craig
Genetic variation near GRB2 and KCNB2 identified by a genome-wide association study is reproducibly associated with Diabetic Retinopathy

2013: Australian Ophthalmology and Vision Science Meeting, Hobart, Tasmania, November. Kathryn P Burdon, Rhys Fogarty, Nikolai Petrovsky, Mark Gillies, Mark Daniell, Sotoodeh Abhary, Gowthaman Govindarjan, Periasamy Sundaresan, Georgia Kaidonis, Alicia Jenkins, John Chang, Rohan Essex, Bishwanath Pal, Jamie E Craig Genetic variation near GRB2 and KCNB2 identified by a genome-wide association study is reproducibly associated with Diabetic Retinopathy

2013: Association for Research in Vision and Ophthalmology (ARVO). Kaidonis G. Craig JE; Fogarty R; Gillies MC; Shen W; Sharma S; Appukuttan B; Pal B; Sundaresan P; Burdon KP. Genetic variation near GRB2 and KCNB2 identified by a genome-wide association study are reproducibly associated with Diabetic Retinopathy.

Associate Professor Celia Chen

Invited talks: International and national meetings


Invited talks: International and national meetings and organisations


2013: National Clinical Genetics Dysmorphology Meeting. Craig JE. Genetics of congenital glaucoma and cataract.


2013: Australian and New Zealand Glaucoma Interest Group (ANZGIG). Craig, JE. Update on the ANZRG.

2013: Royal Australian and New Zealand College of Ophthalmologists, SA State Branch Meeting. Craig, JE. The new genetics and glaucoma.

Presentations at international and national meetings

2013: Royal Australian and New Zealand College of Ophthalmologists (RANZCO) New Zealand Branch, Annual Scientific meeting. Craig JE. New strategies in glaucoma progression; imaging and genetics.

2013: Royal Australian and New Zealand College of Ophthalmologists (RANZCO) New Zealand Branch, Annual Scientific meeting. Craig JE. Unlocking the secrets of the pseudoexfoliation syndrome.

2013: Royal Australian and New Zealand College of Ophthalmologists (RANZCO) New Zealand Branch, Annual Scientific meeting. Craig JE. Understanding glaucoma blindness with a disease registry: Why does it happen and what can we do?

2013: Royal Australian and New Zealand College of Ophthalmologists (RANZCO) New Zealand Branch, Annual Scientific meeting. Craig JE. Families, twins and populations; in roads to understanding eye disease.

2013: Royal Australian and New Zealand College of Ophthalmologists, SA State Branch Meeting. Craig JE. New clinical trials in glaucoma.

2013: Association for Research in Vision and Ophthalmology (ARVO). Craig, JE. Identification of further novel genome wide significant loci for open angle glaucoma blindness utilizing the Australian and New Zealand Registry of Advanced Glaucoma.


Hammond, C J, Internatiol Glaucoma Genetics Consortium- IGGC. Common mechanisms underlying intraocular pressure identified in functional analysis of gene lists from genome-wide association study results in IGGC cohorts.  


Dr Miriam Keane  

Presentations at international and national meetings  
2013: Perinatal Society of Australia and New Zealand (PSANZ) 17th Annual Congress. Oh, D.*, Keane, M.C., Fabel, H., Taranath, D., & Marshall, P.B. Do we need a nationwide consensus on screening criteria for Retinopathy of Prematurity? Results from a tertiary hospital audit in South Australia. (Poster presentation)  

Dr Jyoti Khadka  

Invited talks: national meetings  

Presentations at international and national meetings  
2013: Pesudovs K. Khadka J, Fenwick EK, Lamoureux EL. Rash analysis of the glaucoma-specific
module of the Eye-tem Bank project. The Association of Research in Vision and Ophthalmology May 5 – 9, Seattle, Washington, USA. (Poster presentation)


Associate Professor Sonja Klebe

Presentations at international and national meetings

Dr John Landers

Chaired meetings
2013: RANZCO Annual Scientific Conference. Symposium: The Validity of current glaucoma tests.

Invited talks: National meetings
2013: SA RANZCO Scientific Conference.
   Topic: Challenge Tests in Ophthalmology.
   Topic: Defining Glaucoma Progression on Visual Fields.
   Topic: Avastin in Trabeculectomy

2013: World Glaucoma Association: World Glaucoma Conference:
   Paper: Diagnosing Glaucoma with an Ibipamine Challenge

2013: RANZCO Annual Scientific Conference.
   Paper: Diagnosing Glaucoma with an Ibipamine challenge
   Symposium: The Validity of Current Glaucoma Tests

Dr Raymond Loh

Invited talks: International meetings
2013: 30th Australian and New Zealand Cornea Society Meeting, March, Adelaide SA. Loh, R. The evidence for collagen cross linking.
Chaired meetings
2013: Evidence Based Ophthalmology Workshop: “Translating the Evidence” (Hobart)

Invited talks: International and national meetings
2013: 30th Australian and New Zealand Cornea Society Meeting, March, Adelaide SA. Mills, R. OSSN. What treatment?
2013: RANZCO 45th Annual Scientific Congress Hobart, Tas. Treatment protocol for OSSN.
2013: Corneal Transplantation Optometrists Association of Australia (SA Division), Adelaide SA.
2014: Mitcham Lions Club, Adelaide SA. Eye Bank of South Australia

Presentations at international and national meetings
2013: RANZCO 45th Annual Scientific Congress, Hobart. The Australian and New Zealand Ophthalmic Surveillance Unit (poster)
2013: RANZCO 45th Annual Scientific Congress, Hobart. Severe response to periocular or intraocular steroid treatment in Australia and New Zealand (poster).

Professor Konrad Pesudovs

Chaired sessions
2014: Introduction to Evidence-Based Optometry, Evidence-Based Optometry Conference, Adelaide, April.
2014: Masterclass in Therapeutics, Evidence-Based Optometry Conference, Adelaide, April.
2014: Masterclass in Paediatrics, Evidence-Based Optometry Conference, Adelaide, April.
2014: Masterclass in Contact Lens and Refractive Correction, Evidence-Based Optometry Conference, Adelaide, April.
2014: Masterclass in Ophthalmic Disease Management, Evidence-Based Optometry Conference, Adelaide, April.

Invited talks: International and national meetings and universities
2013: Eyenet Sweden Disease Specific PROM 2 Seminar, Stockholm September, October. Pesudovs K. Item-banking, third generation questionnaire
2013: Evidence Based Ophthalmology Workshop: “Translating The Evidence”, November, Hobart Tas. Pesudovs K. Do accommodating IOLs provide any measurable advantage over monofocal IOLs?

**Published abstracts**


**Unpublished abstracts**


2013: Pesudovs K. Unaided visual acuity is the only yardstick – No. European Society of Cataract and Refractive Surgeons in Warsaw, Poland, February.

2013: Pesudovs K. The science of patient-reported measurement and its applications in ophthalmology. Post-graduate teaching seminar, Royal Victoria Infirmary, Newcastle, UK, February.


2013: Pesudovs K. Workshop – How to plan a Questionnaire – and follow up. Eyenet Sweden Disease Specific PROM 2 Seminar, Stockholm September.

2014: Pesudovs K. Welcome and Introduction to Evidence-Based Practice. Evidence-Based Optometry Conference, Adelaide April.

2014: Pesudovs K. How to read and appraise a paper. Evidence-Based Optometry Conference, Adelaide April.

2014: Pesudovs K. The Flinders approach to teaching Evidence-Based Optometry. Evidence-Based Optometry Conference, Adelaide April.

---

**Presentations at international and national meetings**


---

Dr Niladri Saha
Dr Roman Serebrianik

**Invited talks: Local institutes**

2013 Optometry Southern Regional Congress (organised by the Optometrists Association Australia), June. *Serebrianik, R. OCT: the What, the How and the WOW.*

Dr Shiwani Sharma

**Invited talks: national meetings**


**Presentations at international and national meetings**


Professor Justine Smith

**Invited talks: International and national meetings**


2013 ASIA-ARVO. New Delhi, India. **JR Smith.** Retinal imaging for global health research.

2013 ASIA-ARVO. New Delhi, India. **JR Smith.** Migration of helper T cell subsets into the eye.


2014 **JR Smith.** Translational studies of ocular toxoplasmosis. 12th International Ocular inflammation Society Congress. 2nd International Assembly of Ocular Inflammation Societies. Valencia, Spain. 2014


2014 **JR Smith.** Translational studies of toxoplasmic retinochoroiditis. 17th AFRO-ASIAN Congress of Ophthalmology. Xi’an, China. To be held September 2014.

**Presentations at international and national meetings**


2013 **JR Smith.** Drugs for Posterior Segment Intraocular Inflammation. 45th Royal Australian and New Zealand College of Ophthalmologists Congress. Hobart, Australia.

2014 **B Appukuttan, PA Wilmarth, Y Pan, LL David, JR Smith.** Inflammatory and neovascular markers identified in deep shotgun proteomic profiling of human retinal and choroidal vascular endothelial cells. Association for Research in Vision and Ophthalmology Annual Meeting. Orlando, FL, USA.

Sessions & courses chaired
2013 Ocular Inflammatory Disease Symposium. Singapore National Eye Centre and American Association for Pediatric Ophthalmology and Strabismus Joint Meeting. Singapore.
2013 Mechanisms of Ocular Inflammation and Infection. ASIA-ARVO. New Delhi, India.

Presentations at international national meetings
2013 Translating results of the Australian and New Zealand Registry of Advanced Glaucoma (ANZRAG) into clinical practice, Royal Australian & New Zealand College of Ophthalmologists (RANZCO) Annual Scientific Congress, Hobart, TAS, Australia, 3 November.
2013 Translating results of the Australian and New Zealand Registry of Advanced Glaucoma (ANZRAG) into clinical practice, American Society of Human Genetics (ASHG) Annual Meeting, Boston, MA, USA, 24 October. (Poster)

Presentation at international national meetings
2013 Stempel AJ, Morgans C, Stout JT, Appukuttan B. Detection and Quantification of VEGF, HIF-1α, HIF-2α and TEAD4 Transcripts in the Mouse Model of Oxygen-Induced Retinopathy, ARVO Meeting.
2014 Stempel A, Morgans C, Stout T, Appukuttan B. Regulators of Hypoxia-Responsive Genes Identified within Neovascular Tufts in the Mouse Model of Oxygen-Induced Retinopathy, Australian Society for Medical Research (ASMR), South Australia Annual Scientific Meeting, Adelaide, South Australia. (poster).
Dr Deepa Taranath

Presentations at national meetings
2013 AAPOS-SNEC joint meeting, Singapore, July 2013. (attended)
2014 ANZ Strabismus Society meeting, Sydney. Post squint surgery – infection survey conducted at the meeting.

Professor Keryn Williams

Chairpersonships
2013 Annual Scientific Meeting, TSANZ (Canberra)
2013 Annual Cornea and Eye Bank Meeting (Adelaide)
2013 Annual Scientific Meeting, TSANZ (Canberra)

Invited talks: International and national meetings and universities
2013 30th Cornea Society Meeting, Adelaide. Report from the Australian Corneal Graft Registry, Transplantation tolerance
2013 Royal Australian and New Zealand College of Ophthalmologists Annual Scientific Meeting, Hobart. Evidence from Registries: corneal graft outcomes
2014 Gordon Research Conference, Biology and Pathobiology of Cornea, California Gene therapy for corneal dystrophies and disease, where are we?
2014 SAHMRI Translational Neuroscience Day (June) KA Williams. Outcomes of the new partial-thickness corneal grafts: a paradigm shift in practice
2014 Oxford Medical Society Reunion (Australia), Adelaide. An influx of Australians: the NDS from 1980-

Presentations at international and national meetings
2013 Annual Scientific Meeting, Transplantation Society of Australia and New Zealand, Canberra:
KA Williams, M Lowe, M Keane, D Coster
KA Williams, RAD Mills, S Klebe, DJ Coster
Comparative outcomes of penetrating and component cell corneal grafts in outbred sheep.
2014 Annual Scientific Meeting, TSANZ, Canberra
KA Williams, MC Keane, R Galettis, RAD Mills
Outcomes of corneal transplantation for herpetic eye disease
Presentations by Student Members

Ms Alpana Dave


Dr Jude Fitzgerald


Mr Yazad Irani


Ms Shari Javadiyan

2013 Australian Society of Medical Research (ASMR), Adelaide. S Javadiyan, S Sharma, K Lower, JE Craig, KP Burdon. Screening of 51 candidate genes in congenital cataract patients using a semiconductor based next generation sequencing method.

2013 Adelaide Next-Generation Sequencing Special Interest Group – Hosted by: Australian Genome Research Facility (AGRF), June.
Dr Georgia Kaidonis

2013 Flinders University, Ophthalmology Department Laboratory meeting. PhD Introductory seminar.
2013 Flinders Medical Centre Ophthalmology Department meeting. G Kaidonis, Epidemiological and molecular risk factors for diabetic retinopathy blindness: PhD update.
2014 The Association for Research in Vision and Ophthalmology, Annual Meeting (Orlando) Genome-wide association study for diabetic retinopathy reveals association with genetic variation near the GRB2 gene in multiple populations. (Poster)

Mr Abraham Kuot


Dr Tiger Zhou

2014 Genemappers Conference, Barossa Valley. (attended)
Appendix 5
Collaborations, 2013-2014

Dr Kathryn Burdon
- Professor Yuval Yaron - Prenatal Diagnosis Unit - Genetic Institute, Tel Aviv Sourasky Medical Center, Tel Aviv, Israel.
- Dr Salil Lachke - Division of Genetics, Brigham & Women's Hospital, Harvard Medical School, Boston, MA, USA.
- Dr Jac Charlesworth – Menzies Research Institute, University of Tasmania.
- Dr Bang Bui – Department of Optometry & Vision Sciences, University of Melbourne.
- Dr Stuart Macgregor and Dr Grant Montgomery – Queensland Institute for Medical Research.
- Professor Matthew Brown – Diamantina Research Institute, University of Queensland.
- Professor Mark Gillies– Sydney Eye Hospital and University of Sydney.
- Dr Mark Daniell – Royal Melbourne Hospital.
- Professor David Mackey - Lions Eye Institute, WA.
- Professor Paul Mitchell and Professor JieJin Wang - Centre for Eye Research University of Melbourne and Westmead Hospital.
- Prof Colin Willoughby, Queens University, Belfast, Northern Ireland
- International Glaucoma Genetics Consortium (IGGC)
- Consortium for Refractive Error And Myopia (CREAM)

A/Professor Celia Chen
- Professor Neil Miller, Head, Neuro-Ophthalmology and Orbital Unit, Johns Hopkins Hospital, Baltimore, USA.
- Dr Jinhai Huang, Dr Daizong Wen, Dr Shihao Chen, Dr Xiaoyu Wang, Dr Yini Li, Dr Qinmei Wang - School of Optometry and Ophthalmology and Eye Hospital, Wenzhou Medical College, and the Key Laboratory of Vision Science, Ministry of Health P.R. China, Wenzhou, China.
- Dr Mark Paine, Head, Neurology Department, St Vincent’s Hospital Melbourne.
- Dr Romesh Markus, Head of Neurology, St. Vincent’s Hospital, Sydney.
- Ms Gayle Clarke, Ms Allison Hayes -Neurovisiontech Pty Ltd, Adelaide, South Australia.
- Ms Stacey George, Ms Robyn Vincent, Dr Maria Crotty - Department of Aged Care and Rehabilitation, Repatriation General Hospital, Adelaide, South Australia.
- Mr Andrew Daly, Executive Officer - The Royal Society for the Blind, Adelaide, South Australia.
- Associate Professor John Grigg, Head, Save Sight Institute, University of Sydney, Sydney.
- Ms Helen McCarl, Ms Pamela Klaer - The Multiple Sclerosis Society of South Australia and Northern Territory Inc, Adelaide, South Australia.
- Professor Peter Blumbergs - SA Pathology, Discipline of Pathology, University of Adelaide, Adelaide, South Australia.

Professor Jamie Craig
- Dr Edwin Stone, Howard Hughes Fellow; Professor Lee Alward; Dr John Fingert - Univ of Iowa.
- Dr Francesca Pasutto - Institute of Human Genetics, Friedrich-Alexander-University Erlangen-Nuremberg, Germany.
• Professor Chris Inglehearn; Dr Mansoor Ali; Dr Carmel Toomes - Royal Society Principle Research Fellow, University of Leeds, Leeds, UK.
• Dr Isabelle Russell-Eggitt, Great Ormond St Hospital, UK.
• Dr Michele Sale -Wake Forest University
• Dr Jacinta Charlesworth, Dr Mary Wirtz, Dr John Samples – Menzies Research Institute, University of Tasmania.
• Professor David Mackey - Lions Eye Institute, WA.
• A/Prof Paul Baird – University of Melbourne.
• Prof Paul Mitchell - University of Sydney.
• Dr Alex Hewitt - Centre for Eye Research Australia, University of Melbourne.
• Dr Stewart MacGregor, Dr Peter Visscher, Dr N Martin, Dr G Montgomery - Queensland Institute of Medical Research (QIMR).
• Dr M Brown - University of Queensland.
• Professor Stuart Graham - Macquarie University.
• Associate Professor Paul Healey - University of Sydney.
• Doctor Ashish Agar -Optometry and Vision Science and Centre for Eye Health, University of New South Wales.
• Prof John McAvoy – University of Sydney.
• A/Prof Mark Kirkland and Dr Janet McLeod (Douglas Hocking Institute Geelong), Geelong Hospital.
• Professor Jozef Gecz - Department of paediatrics, University of Adelaide.
• International Glaucoma Genetics Consortium (IGGC)
• Consortium for Refractive Error And Myopia (CREAM)

Dr Miriam Keane
• Over 700 Australian ophthalmologists who contribute data voluntarily to the Australian Corneal Graft Registry.
• Keratoconus Australia, Melbourne.
• Dr Mohammed Ziaei, Western Eye Hospital London, UK

A/Professor Sonja Klebe
• Professor Andrea Yool, Professor in Physiology - Adelaide University

Dr John Landers
• K Martin, N Sarkies, R Bourne, P Watson - Department of Ophthalmology, Addenbrooke's Hospital, Cambridge, United Kingdom and the Vision and Eye Research Unit, Postgraduate Medical Institute, Anglia Ruskin University, Cambridge, United Kingdom.
• Dr Ivan Goldberg, Dr Stuart Graham, Dr Alok Sharma – Eye Associates, Sydney
• Dr Michael Goggin, Queen Elizabeth Hospital, Adelaide

Professor Konrad Pesudovs
• Professor FC Figueiredo - Department of Ophthalmology, Royal Victoria Infirmary, Newcastle upon Tyne, UK.
• Professor DB Elliott - Bradford School of Optometry & Vision Science, University of Bradford, Bradford, West Yorkshire, United Kingdom.
• BA Noble, AJ Morrell, CL Funnell, A Agrawal – National Eye Research Centre (UK).
• Professor RA Applegate, Professor KE Parker, Professor H Cheng, Professor J Marsack - Visual Optics Institute, College of Optometry, University of Houston, Houston, Texas.
• Professor M Lundstrom - The Swedish National Cataract Register (NCR), EyeNet Sweden, Blekinge Hospital, Karlskrona, Sweden.
• Professor Solomon, Dr LE Fernandez de Castro, Professor HP Sandoval, Professor JM Biber, Professor RL Lindstrom - Magill Research Center for Vision Correction, Storm Eye Institute, Medical University of South Carolina, Charleston, South Carolina, USA.
• RC Gibson, TH Mader, A Pass – NASA, USA.
• A Rice, CL Funnell, BA Noble, JL Ball – Department of Ophthalmology, Leeds Teaching Hospital Trust, Leeks, Yorkshire.
• Professor T Kohnen, Professor A Strenger - Department of Ophthalmology, Goethe University, Frankfurt am Main, Germany.
• Professor J Buhren - University of Rochester Eye Institute, Rochester, New York.
• Dr J Thumboo, Dr S-M Saw, Dr TY Wong -Singapore Eye Research Institute, National University of Singapore.
• J Kusmierczyk, I Grabska-Liberek, - Department of Ophthalmology, The Medical Centre of Postgraduate Education, Warsaw Poland.
• Z Maziarz, W Tryniszewski - Department of Radiological and Isotopic Diagnostics and Therapy, Medical University of Lodz, Poland.
• R Gos – Department of Ophthalmology and Sight Rehabilitation, Medical University of Losz, Poland.
• M Banach, J Rysz – Dept. of Nephrology, Hypertension and Family Medicine, Medical University of Lodz, Poland.
• C McAlinden, JE Moore - School of Biomedical Sciences, University of Ulster, Coleraine, United Kingdom.
• DT Tan - Department of Ophthalmology, Yong Loo Lin School of Medicine, National University of Singapore, Singapore.
• M Marella, V Gothwal – Meera and L.B. Deshpande Centre for Sight Enhancement, L.V. Prasad Eye institute, Hyderabad, Andrah Pradesh, India.
• J Huang, D Wen, S Chen, X Wang, Y Li, Q Wang – Wenzhou Medical College, China.
• M Vogel, M Kernt, C Hirneiss – Universitysity of Eye Hospital Munich, Germany.
• E Skiadaresi, S Polizzi, G Ravalico, Ospedale Maggiore, Trieste, Italy.
• A Meidani, C Tzavara, C Dimitrakaki, Y Tountas, Center for Health Services Research, Department of Hygiene, Epidemiology and Medical Statitstics Medical School, University of Athens, Greece.
• A Mariotte – Primary health Care Unit, Azienda, Veneto, Italy.
• RW Massof – Lions Vision Centre, Johns Hopkins University, Baltimore, US.
• G Rubin – Institute of Ophthalmology, Moorfields Eye Hospital, UK.
• K Gerstmeyer – Gerstmeyer, Eye Clinic Minden, German.
• O Findl – Department of Ophthalmology, Vienna, Austria.
• J de Freitas Santos Paranhos, P Schor – Hospital de Visao, Setor Marista, Brazil.
• C Chase – Western University of Health Sciences, US.
• EL Lamoureux, E Fenwick, T Wong, N Bansback – Centre for Eye Research, University of Melbourne.
• A Daly - Royal Society for the Blind, South Australia.

**Dr Shiwani Sharma**
• Professor K Xia – Central South University, China.
• Professor Andrea Urbani - University of Rome "Tor Vergata", Italy.
• Doctor Maurizio Ronci - University of South Australia.
• Prof John W McAvoy, Save Sight Institute, University of Sydney
• Dr Anne K Voss, Walter and Eliza Hall Institute of Medical Research
• A/Prof Nick di Girolamo, University of NSW
• Dr Robb de Iongh, University of Melbourne
• Prof Jozef Gecz, Women’s and Children’s Hospital, North Adelaide

**Professor Keryn Williams**
• Dr Michael Thiel, Department of Ophthalmology, University of Lucerne, Switzerland
• Professor Leigh Canham, pSivida, Malvern, UK.
• Professor Jeffery Coffer, Texas Christian University, Fort Worth, USA.
• A/Professor Andrew Nash and Dr Pierre Scotney, Bio21 and CSL Ltd, Melbourne.
• Dr Megan Baldwin, Vegenics, Circadian Technologies Ltd, Melbourne.
• A/Professor Donald Anson, Department of Genetic Medicine, Adelaide Women’s and Children’s Hospital, Adelaide.
• Dr Anna Tsykin and Mr Mark Van Der Hoek, Adelaide Microarray Centre, Adelaide.
• Professor Nico Voelcker, University of SA.
• Dr Stephen Kaye, Dr David Collett, Dr Mark Jones, University of Liverpool, UK
• Dr Mohammed Ziaei, Western Eye Hospital London, UK
• Over 700 Australian ophthalmologists who contribute data voluntarily to the Australian Corneal Graft Registry.
Appendix 6
Awards and Prizes, Recognition, Competitive Fellowships, 2013-2014

Awards and prizes, recognition
- 2015-2016 President-Elect of the American Uveitis Society – Justine Smith
- 2013-2014 President of ARVO – Justine Smith
- 2013 Gold Fellow, ARVO – Justine Smith
- 2013 Plenary Lecture at 2013 ASIA-ARVO Meeting – Justine Smith
- 2013 American Academy of Ophthalmology, Special Recognition Award (awarded to the AAO Leadership Development Program)

Student awards and prizes
- 2013: Flinders University Faculty of Health Sciences Runner-up for Three Minute Thesis Competition 2013 Ms Alpana Dave
- 2013: State Semi-finalist for the Young Investigator Award in Women’s and Children’s Health, South Australia Ms Alpana Dave
- 2013: Best Paper Presentation Award (Cataractogenesis session), Asia ARVO Ms Alpana Dave
- 2013: Flinders University Publication Award ($500), for the paper titled: “Genetic Study of Diabetic Retinopathy: recruitment methodology and analysis of baseline characteristics”. Dr Georgia Kaidonis
- 2014: Flinders University Research Student Conference Travel Grant Ms Alpana Dave
- 2014: Travel Award from International Society for Eye Research Ms Alpana Dave
- 2014: Flinders University Research Student Conference Travel Grant Mr Yazad Irani
- 2014: Travel Award from International Society for Eye Research Mr Yazad Irani
- 2014: Shortlisted for the Members in Training Outstanding Poster Award competition at The Association for Research in Vision and Ophthalmology, Annual Meeting (Orlando), for the poster titled “Genome-wide association study for diabetic retinopathy reveals association with genetic variation near the GRB2 gene in multiple populations”. Dr Georgia Kaidonis

Current externally-funded Fellows
- Professor Keryn Williams (NHMRC Principal Research Fellow 2011-15).
- A/Professor Jamie Craig (NHMRC Practitioner Fellow 2014-2018).
- Dr Kathryn Burdon (NHMRC Career Development Fellow 2010-2013).
- Professor Justine Smith (ARC Future Fellow 2014-18)
Appendix 7
Service to Disciplines of Ophthalmology and Optometry

Appukuttan, Binoy
*Editorial Board Member*
Current Eye Research
*Reviewer of manuscripts*
Gene Therapy; PLoS ONE; Investigative Ophthalmology & Visual Science; Molecular Vision; Experimental Eye Research; Current Eye Research; Journal of Ocular Biology Diseases & Informatics

Burdon, Kathryn
*Grant Reviewing*
Panel member for Ophthalmic Research Institute of Australia grant round.
Grant reviewer for NHMRC
*Reviewer of manuscripts*

*Membership of professional societies*
American Society of Human Genetics (ASHG)
Human Genetics Society of Australasia (HGSA)
Association for Research in Vision and Ophthalmology (ARVO)

Chen, Celia
*Reviewer of manuscripts*

*Membership/Fellowship*
Neuro-Ophthalmology Society of Australia - Vice President
Board consultant, the Royal Society for the Blind Inc.
North American Neuro-Ophthalmology Society – Board member for International Committee
Royal Australian and New Zealand College of Ophthalmologist
American Academy of Ophthalmologist
Association for Research in Vision and Research

Craig, Jamie E.
*Committee membership*
SA State Surgical Taskforce
Karl Zeiss Ltd
Australian and New Zealand Glaucoma Interest Group
Ellex Medical Lasers
*Professional Membership*
Australian and New Zealand Special Interest group (ANZGIG)
Association for Research in Vision and Ophthalmology
Carl Zeiss Ltd
Royal Australian and New Zealand College of Ophthalmologists
Australian and New Zealand Glaucoma Interest Group
Reviewer of grants and manuscripts
NHRMC GRPs, Project and Fellowship applications reviews, and international journal

Associate Editor
Clinical and Experimental Ophthalmology

Keane, Miriam
Reviewer of manuscripts

Khadka, Jyoti
Reviewer of manuscripts

Responsibilities/ Membership
The Australian Society for Medical Research, Australia.
Association of Research in Vision and Ophthalmology, USA.
International Society for Low Vision Research and Rehabilitation, USA.
Professional member of Nepalese Health Professional Council, Nepal.
Nepalese Association of Optometrists, Nepal.
Advisor – Nepal Optometry Students’ Society.

Landers, John
Reviewer of manuscripts

Research Grant Reviewer
NH & MRC Project Grants
ORIA Grant Reviewer

Committee membership
Secretary/Treasurer: South Australian Branch Royal Australian & New Zealand College of Ophthalmologists.
South Australian Training Program Board Selection.

Klebe, Sonja
Reviewer of manuscripts
Clinical and Experimental Ophthalmology, Clinical and Experimental Optometry, Medical Science Monitor, Pathology, Paediatric Pulmonology, Journal of Postgraduate Medicine

Grant Reviewing
Ophthalmic Research Institute of Australia
Diabetes Australia
NHMRC  Project Grants

Committee Membership
Group Leader- Ophthalmic Pathology- Structured Cancer Reporting- Cancer Council of Australasia
Mills, Richard  
**Committee membership**  
Ophthalmic Research Institute of Australia, Research Advisory Committee.  
Ophthalmic Research Institute of Australia, Director

Pesudovs, Konrad  
**Elected Administrative Appointments**  
Councillor, The Australian College of Optometry  
Committee member, Steering Committee for the Australian College of Optometry Ocular Therapeutics Course, Australian College of Optometry.  
**Memberships of Committees for Major International Projects**  
A Prospective Study of Satisfaction Level and Quality of Life after LASIK.  
Swedish National Cataract Register Steering Group.  
The International Consortium for Health Outcomes Measurement (ICHOM) Ophthalmology Group.  
Health Outcomes Measurement for Cataract Surgery.

**Membership of Professional Bodies**  
American Academy of Optometry  
American Society of Cataract and Refractive Surgery  
Association for Vision Research in Ophthalmology  
Australian College of Optometry  
Cornea and Contact Lens Society of Australia  
European Society of Cataract and Refractive Surgery  
International Ophthalmic Microsurgical Study Group  
Optometrists Association Australia

**Editorial Duties**  
Full Editorial Board Memberships  
Journal of Refractive Surgery  
Journal of Cataract & Refractive Surgery  
Clinical & Experimental Optometry  
Archives of Medical Science (Associate Editor)  
Journal of Optometry  
The Open Translational Medicine Journal  
Ophthalmic and Physiological Optics  
Optometry & Vision Science  
Quality of Life Special Issue Optometry & Vision Science

**Refereeing**  
Quality of Life Research, Eye and Contact Lens, Biomedizinische Technik / Biomedical Engineering, Sierra Leone Journal of Biomedical Research, Middle East Africa Journal of Ophthalmology, Ophthalmologica, Archives of Gerontology and Geriatrics, BMC Medical Education, BMC Geriatrics

**National Health and Medical Research Council Activity**
- Project grant reviewing
- Postgraduate scholarship application reviewing
- Program grant reviewing
- Member NHMRC Research Translation Faculty

**Other Granting Agencies**
- Ophthalmic Research Institute of Australia
- FMC Foundation
- The Dunhill Medical Trust
- Fight for Sight
- Australian Government Cooperative Research Centres (CRC) Program
- Guide Dogs for the Blind Association (UK)
- Australian Research Council
- Diabetes Australia Research Trust

**Sharma, Shiwani**

**Committee membership**
- Animal Ethics Review Sub Committee, Flinders University and Flinders Medical Centre
- Flinders University delegate to the Central South University, Changsha, China

**Memberships of Professional Societies**
- International Society for Eye Research
- Australia and New Zealand Society of Biochemists and Molecular Biologists

**Research Grants Reviewed**
- National grants of the Ophthalmic Research Institute of Australia
- Annual grants of the Flinders Institute of Health and Medical Research
- National Health and Medical Research Council (NHMRC) Project grant
- NHMRC Program grant
- PhD studentship grant of the Fight for Sight, London, UK
- NHMRC project grant

**Research articles Reviewed**
- International Journal of Ophthalmology
- PLoS One
- Journal of Zhejiang University-SCIENCE B
- BMC Ophthalmology

**Community presentations**
- How are cataracts caused in both, the young and the elderly? Donors’ Day, Flinders Medical Centre Foundation, February 4.

**Smith, Justine**

**Membership of Professional Societies**
- Royal Australian and New Zealand College of Ophthalmologists
- Royal Australasian College of Surgeons
- Australian Society for Medical Research
- Australasian Society for Immunology
- American Academy of Ophthalmology
- Association for Research in Vision and Ophthalmology
- International Ocular Inflammation Society
International Uveitis Study Group
American Association of Immunologists
American Uveitis Society

**Editorial Board Membership**
Clinical and Experimental Ophthalmology (Uveitis Section Editor)
Ophthalmic Research
Asia-Pacific Journal of Ophthalmology
Investigative Ophthalmology & Visual Science
Guest editorial board member for: Ocular Immunology & Inflammation

**Reviewer for Awards**
International Jury for Cora Verhagen Prize: Award for Best Ocular Immunology Presentation at Association for Research in Vision and Ophthalmology Annual Meeting (exc 2014)

**Committee Membership**
International Council, International Ocular Inflammation Society
American Uveitis Society Executive Committee (AAO Education Liaison)
Board of Trustees, Association for Research in Vision and Ophthalmology (IM Trustee)
Professional Development & Education Committee, Association for Research in Vision and Ophthalmology (Trustee Liaison)
Council, American Academy of Ophthalmology
Spring Meeting Chairman, American Uveitis Society
Continuing Medical Education Committee, Association for Research in Vision and Ophthalmology (Trustee Liaison)
Independent Data & Safety Monitoring Committee for Randomized Clinical Trial of Efficacy of Adalimumab in Paediatric Uveitis Secondary to Juvenile Idiopathic Arthritis. Funded by National Institute for Health Research & Arthritis Research UK (United Kingdom)
President, Association for Research in Vision and Ophthalmology
Executive Committee, Association for Research in Vision and Ophthalmology
Mentor, International Society for Eye Research Mentoring Program
Open Access Committee, Association for Research in Vision and Ophthalmology
Strategic Plan “Global Presence” Steering Committee
Chair, Member-in-Training Board Member Selection Committee, Association for Research in Vision and Ophthalmology
Deputy Council Section Leader, American Academy of Ophthalmology
International Council of Ophthalmology General Assembly
Advisory Committee to Board of Directors, International Council of Ophthalmology (representing “Research”)
Laureate Award Selection Committee, American Academy of Ophthalmology
Task Force on Board-Council Communications, American Academy of Ophthalmology

**Meetings/Events Organized**
ARVO Education Conference. Ocular Immunity, Autoimmunity and Inflammation. Fort Lauderdale, FL, USA. To be held October 2014.

**Consulting Activities**
Stempel, Andrew

Member Organizations
Association for Research in Vision and Ophthalmology (ARVO), Rockville, Maryland, USA

Williams, Keryn

Community Involvement
SA Young Tall Poppies Selection Panel 2013
Presentation, Registries Special Interest Group, SAHMRI
Presentation (2 hours) to Year 11 students at the Australian Mathematics and Science School

International committee membership
International Advisory Board, Cochrane Eyes and Vision Group

National/State professional involvement
Eye Bank of South Australia Advisory Committee
DonateLife Registry Heads Committee

Organization of scientific meetings and courses
Local Organising Committee, ANZ Cornea Society Annual Meeting, Adelaide
Local Organising Committee, Evidence-Based Ophthalmology Workshop, Hobart

Peer Reviewing
Member, Charles and Sylvia Viertel Medical Research Advisory Board (50 grants/year)
Chair, NHMRC Early Career Fellowships Panel (30-40 applications/year) 2013, 2014
Member, NHMRC Grants Review Panel (Neuroscience GRP4C) 2014
Member NHMRC Research Translation Faculty
Reviewer of grants for the NHMRC, ORIA, MRC, Fight for Sight, and other bodies
Reviewer for international journals (approx. 20-25 articles reviewed each year)

Membership of professional societies
The Transplantation Society (International)
The Transplantation Society of Australia and New Zealand (TSANZ)
National Association of Research Fellows of the NH&MRC (NARF)
TSANZ-sponsored Special Interest Group, Cornea and Eye Banking
Australian Society for Medical Research (ASMR)

STUDENT MEMBERS

Irani, Yazad

Committees
Student representative, Flinders University Faculty of Health Sciences Research Committee.
Founding Secretary, Flinders University Postgraduate Society, Faculty of Medicine Nursing and Health Sciences

Professional Associations
International Society for Eye Research
Australian Gene Therapy Society
Australian Society for Medical Research
Australian and New Zealand Corneal Society
Javadiyan, Shari  
*Committee member*  
“Post-graduate Research Students in the School of Medicine (PRISM)” Society

Kaidonis, Georgia  
*Professional Affiliations*  
Medical Board of South Australia  
Australian Medical Association  
RMO society member, Flinders Medical Centre
Appendix 8  
Centre Weekly Seminar Program Lists, 2013-2014 

**OPHTHALMOLOGY SEMINAR PROGRAM 2013**

<table>
<thead>
<tr>
<th>DATE</th>
<th>SPEAKER</th>
<th>PRESENTATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>26 March</td>
<td>A/Prof Richard Mills &amp; A/Prof Jamie Craig</td>
<td>Department Update</td>
</tr>
<tr>
<td>2 April</td>
<td>Prof Justine Smith Ophthal, FUSA</td>
<td>Mechanisms of ocular toxoplasmosis</td>
</tr>
<tr>
<td>9 April</td>
<td>Dr Raymond Loh Ophthal, FMC</td>
<td>Cross-linking for Keratoconus – signs &amp; evidence.</td>
</tr>
<tr>
<td>16 April</td>
<td>Dr John Landers Ophthal, FMC</td>
<td>Challenge tests in Glaucoma</td>
</tr>
<tr>
<td>23 April</td>
<td>Dr P. Sundaresan Department of Genetics Dr. G.Venkataswamy Eye Research Institute Aravind Eye Hospital</td>
<td>Molecular Genetics of Glaucoma</td>
</tr>
<tr>
<td>30 April</td>
<td>Dr Nick Mabarrack Ophthal, FMC</td>
<td>Recent thymic origin differentiation &amp; lifespan of regulatory T cells</td>
</tr>
<tr>
<td>7 May</td>
<td>No meeting (ARVO)</td>
<td></td>
</tr>
<tr>
<td>14 May</td>
<td>A/Prof Richard Mills &amp; A/Prof Jamie Craig</td>
<td>ARVO report</td>
</tr>
<tr>
<td>21 May</td>
<td>Prof Tom Gordon Immunology, FUSA</td>
<td>Secreted proteomic repertoires in primary Sjogren's syndrome</td>
</tr>
<tr>
<td>28 May</td>
<td>No meeting</td>
<td></td>
</tr>
<tr>
<td>4 June</td>
<td>Dr Aanchal Gupta Ophthalmology, QEH</td>
<td>My Canadian Fellowship</td>
</tr>
<tr>
<td>11 June</td>
<td>Marg Martin, Director EPAS Adoption Dr Sepehr Shakib, Director, Department of Clinical Pharmacology RAH &amp; EPAS Senior Medical lead</td>
<td>Overview of the Enterprise Patient Administration System (EPAS)</td>
</tr>
<tr>
<td>18 June</td>
<td>A/Prof David Turner Haematology &amp; Genetic Pathology, FUSA</td>
<td>Off the beaten track: Ear health and hearing in school-aged children in the APY Lands; do swimming pools make a difference?</td>
</tr>
<tr>
<td>25 June</td>
<td>Dr Stephen Graves Dept of Surgery, FMC</td>
<td>Benefits and future trends of National Arthroplasty Registries</td>
</tr>
<tr>
<td>2 July</td>
<td>Prof Karen Reynolds Sch of Computer Science, Engineering &amp; Mathematics, FUSA</td>
<td>Medical devices – Projects with vowels</td>
</tr>
<tr>
<td>9 July</td>
<td>Dr Tim Greenwell Ophthal, FMC</td>
<td>Design matters: Improving user experience in Health IT</td>
</tr>
<tr>
<td>16 July</td>
<td>Semester Break</td>
<td></td>
</tr>
<tr>
<td>23 July</td>
<td>Semester Break</td>
<td></td>
</tr>
<tr>
<td>30 July</td>
<td>Dr Lucy Goold Ophthal, FMC</td>
<td>The Corneal Endothelium</td>
</tr>
<tr>
<td>6 August</td>
<td>Dr Jennifer Tieman CareSearch Director, FUSA</td>
<td>Supporting clinical practice: examples from the CareSearch website and palliative care</td>
</tr>
<tr>
<td>13 August</td>
<td>Dr Rachel Popelka-Filcoff</td>
<td>Views into the Past: Spectroscopic Characterisation of Aboriginal Australian PigmentsTBA</td>
</tr>
<tr>
<td>20 August</td>
<td>Dr Diego Garcia-Bellido Sprigg Geobiology Centre Uni of Adelaide</td>
<td>500 million-year-old eyes and other exceptional fossils from the Cambrian</td>
</tr>
<tr>
<td>27 August</td>
<td>Prof Alex Gallus Dept of Haematology, FMC</td>
<td>New Oral Anticoagulants (Clotting, Bleeding &amp; Confusion)* PA – Britta Richards</td>
</tr>
<tr>
<td>Date</td>
<td>Speaker</td>
<td>Presentation</td>
</tr>
<tr>
<td>--------------</td>
<td>----------------------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>3 September</td>
<td>Prof Colin Raston</td>
<td>Fabricating Functional Nano-Materials using thin film microfluidics &amp; phospholipids</td>
</tr>
<tr>
<td>10 September</td>
<td>Dr Anna Vnuk</td>
<td>Going through the motions</td>
</tr>
<tr>
<td>17 September</td>
<td>Abraham Kuot, Yazad Irani, Shari Javadiyan, Georgia Kaidonis</td>
<td>PhD hour</td>
</tr>
<tr>
<td>24 September</td>
<td>Dr Jonathan Clarke</td>
<td>Update on Local Anaesthetic Techniques</td>
</tr>
<tr>
<td>1 October</td>
<td>Dr Tobias Loetscher</td>
<td>Spatial Neglect: When half is whole</td>
</tr>
<tr>
<td>8 October</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15 October</td>
<td>Dr Sudha Cugati</td>
<td>Retinal pigment epithelial detachment – Pathophysiology, clinical features &amp; management</td>
</tr>
<tr>
<td>22 October</td>
<td>Dr Alex Brown</td>
<td>Building Aboriginal Research Programs</td>
</tr>
<tr>
<td>29 October</td>
<td>Mrs Lynne Loh</td>
<td>Compliance to Glaucoma Medication</td>
</tr>
<tr>
<td>5 November</td>
<td>RANZCO meeting</td>
<td></td>
</tr>
<tr>
<td>12 November</td>
<td>Prof Adrian Linacre</td>
<td>Blood Pattern Analysis in crime scene reconstruction – tales from Taggart-land</td>
</tr>
<tr>
<td>19 November</td>
<td>Dr Jeff Bowden</td>
<td>The Effects of Altitude on Health</td>
</tr>
<tr>
<td>26 November</td>
<td>Dr John Landers</td>
<td>In Country Glaucoma Fellowship: Laos</td>
</tr>
</tbody>
</table>

**OPHTHALMOLOGY SEMINAR PROGRAM 2014**

<table>
<thead>
<tr>
<th>DATE</th>
<th>SPEAKER</th>
<th>PRESENTATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>11 March</td>
<td>Dr David Andrews</td>
<td>RANZCO’s Role in Research</td>
</tr>
<tr>
<td>18 March</td>
<td>Richard Mills &amp; Jamie Craig</td>
<td>Department Update</td>
</tr>
<tr>
<td>25 March</td>
<td>Dr Jane Wells</td>
<td>Ophthalmology Education: Helping students &quot;see the light&quot;</td>
</tr>
<tr>
<td>1 April</td>
<td>Dr Paul Badenoch</td>
<td>Update on Diagnostic Ocular Microbiology</td>
</tr>
<tr>
<td>8 April</td>
<td>Ms Vanessa Rowley</td>
<td>Independent Hospital Pricing Authority</td>
</tr>
<tr>
<td>15 April</td>
<td>No meeting</td>
<td></td>
</tr>
<tr>
<td>22 April</td>
<td>Ms Angela Chappell &amp; Mrs Margaret Philpott</td>
<td>Where There’s a Will, There’s a Way Passage to India</td>
</tr>
<tr>
<td>29 April</td>
<td>Prof Keryn Williams</td>
<td>Report from Gordon Conference (Cornea) 2014</td>
</tr>
<tr>
<td>6 May</td>
<td>Prof Tim Neil</td>
<td>A Quick Guide to the MD Program</td>
</tr>
<tr>
<td>13 May</td>
<td>Prof Jamie Craig</td>
<td>ARVO 2014 Update</td>
</tr>
<tr>
<td>20 May</td>
<td>Prof Ross McKinnon</td>
<td>Drug Discovery and Academia</td>
</tr>
<tr>
<td>27 May</td>
<td>Dr Mona Awadalla</td>
<td>Report from Genemappers 2014</td>
</tr>
<tr>
<td>3 June</td>
<td>A/Prof Briony Forbes</td>
<td>Mitogenic Signalling via the Insulin Receptor and its Role in Cancer.</td>
</tr>
<tr>
<td>Date</td>
<td>Lecturer/Presenter</td>
<td>Title/Description</td>
</tr>
<tr>
<td>------------</td>
<td>------------------------------------------------</td>
<td>-----------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>10 June</td>
<td>A/Prof Geraint Rogers</td>
<td>The Ocular Microbiome</td>
</tr>
<tr>
<td></td>
<td>Director, Microbiome Research</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SAHMRI</td>
<td></td>
</tr>
<tr>
<td>17 June</td>
<td>Prof Neil Dear</td>
<td>Discussion on the SAHMRI Animal Facility &amp; potential collaborations</td>
</tr>
<tr>
<td></td>
<td>Director, Research Support Services, SAHMRI</td>
<td></td>
</tr>
<tr>
<td>24 June</td>
<td>A/Prof John Kaidonis</td>
<td>Oral biofilms in health and disease</td>
</tr>
<tr>
<td></td>
<td>School of Dentistry, Adel Uni</td>
<td></td>
</tr>
<tr>
<td>1 July</td>
<td>Dr Georgia Kaidonis</td>
<td>ARVO 2014 review: Intravitreal injections for the treatment of Diabetic Macular Edema</td>
</tr>
<tr>
<td></td>
<td>PhD Student, FCOEVR</td>
<td></td>
</tr>
<tr>
<td>5 August</td>
<td>Mrs Angela Chappell</td>
<td>My RetCAM Study Tour, Canada 2014</td>
</tr>
<tr>
<td></td>
<td>Flinders Eye Clinic</td>
<td></td>
</tr>
<tr>
<td>12 August</td>
<td>Dr Mark Hassall</td>
<td>TBA</td>
</tr>
<tr>
<td></td>
<td>Flinders Eye Clinic</td>
<td></td>
</tr>
<tr>
<td>19 August</td>
<td>A/Prof David Lynn</td>
<td>TBA</td>
</tr>
<tr>
<td></td>
<td>Biomedical Informatics</td>
<td></td>
</tr>
<tr>
<td></td>
<td>FUSA/SAHMRI</td>
<td></td>
</tr>
<tr>
<td>26 August</td>
<td>Dr Bastien Llamas</td>
<td>TBA</td>
</tr>
<tr>
<td></td>
<td>ARC Senior Research Assoc</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ecology &amp; Evolutionary Biology, Uni of Adelaide</td>
<td></td>
</tr>
<tr>
<td>2 September</td>
<td>Dr Chris Powell</td>
<td>TBA</td>
</tr>
<tr>
<td></td>
<td>Medical Student, FMC</td>
<td></td>
</tr>
<tr>
<td>9 September</td>
<td>David Jacobs</td>
<td>TBA</td>
</tr>
<tr>
<td></td>
<td>Optometry &amp; Vision Science, FUSA</td>
<td></td>
</tr>
<tr>
<td>16 September</td>
<td>Prof Melissa Brown</td>
<td>To be confirmed</td>
</tr>
<tr>
<td></td>
<td>Head, Molecular Micro Group</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Assoc Dean (Research)/SOBS</td>
<td></td>
</tr>
<tr>
<td>23 September</td>
<td>Dr Jill Carr</td>
<td>TBA</td>
</tr>
<tr>
<td></td>
<td>Microbiology and Infectious Diseases, Flinders Medical Science and Technology</td>
<td></td>
</tr>
<tr>
<td>30 September</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7 October</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14 October</td>
<td>A/Prof Lynley Bradnam</td>
<td>TBA</td>
</tr>
<tr>
<td></td>
<td>A/Professor of Physiotherapy</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SOHS, Applied Brain Research Laboratory, Center for Neuroscience</td>
<td></td>
</tr>
<tr>
<td>21 October</td>
<td></td>
<td></td>
</tr>
<tr>
<td>28 October</td>
<td>Dr Peter van Wijngaarden</td>
<td>TBA</td>
</tr>
<tr>
<td></td>
<td>CJ Martin Fellow &amp; Retinal Fellow</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Royal Vic Eye &amp; Ear Hospital; CERA</td>
<td></td>
</tr>
<tr>
<td>4 November</td>
<td>Abraham Kuot</td>
<td>Final PhD seminar</td>
</tr>
<tr>
<td>11 November</td>
<td>Alpana Dave</td>
<td>Final PhD seminar</td>
</tr>
<tr>
<td>18 November</td>
<td>Yazad Irani</td>
<td>Final PhD seminar</td>
</tr>
<tr>
<td>25 November</td>
<td>RANZCO Conference</td>
<td></td>
</tr>
<tr>
<td>2 December</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9 December</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16 December</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>