Optometrists Association NSW/ACT Presents

- 24 MAY 2015 -

SUPER SUNDAY

AUSTRALIAN TECHNOLOGY PARK
2 Locomotive St, Eveleigh (Enter via Bay 4)

Saturday Workshops at UNSW School of Optometry & Centre For Eye Health

ONLINE REGISTRATIONS CLOSE FRIDAY 1 MAY 2015

WEBSITE: WWW.OAANSW.COM.AU  |  PHONE: 02 9712 2199

*Up to a maximum of 30 points on offer on Sunday, plus 18 points for Saturday workshops and coursework
MARK ROTH
Associate Professor Mark Roth is a clinical optometrist with a degree in pharmacology. Apart from consulting in private practice and teaching at the University of Melbourne, he lectures extensively in Australia and overseas in the area of ocular therapeutics. Mark currently holds a wide variety of positions related to ocular therapeutics education and advocacy. He is also the clinical editor of the “Optometry Pharma” publication. Mark’s main diversions outside of optometry include coffee, pinot noir, cooking, cycling and world football.

SIMON CHEN
Ophthalmologist specialising in vitreoretinal surgery, intravitreal anti-VEGF therapy and laser cataract surgery. He is a principal investigator in more than 50 international clinical trials of novel treatments for retinal disease. He trained in the teaching hospitals of the Universities of Oxford and Cambridge, UK and completed surgical retinal fellowships at the Oxford Eye Hospital and Lions Eye Institute. He practices at Vision Eye Institute clinics in Bondi Junction, Chatswood, Drummoyne and Hurstville.

LAUREN AYTON
Currently is the Clinical Program Leader of the Bionic Vision Australia consortium, which is working to develop a retinal prosthesis to restore vision to people who have been blinded by retinal degenerative disease. Her research interests are in the areas of retinal disease (specifically age-related macular degeneration and retinitis pigmentosa), low vision assessment and vision restoration. Dr Ayton spent several months working at Harvard University in 2015 on the development and leadership of an International Task Force to develop outcomes in vision restoration trials, with the support of a Hugh Rogers Medical Research Fellowship.

DENIS WAKEFIELD
Professor Wakefield is the Associate Dean (Strategy and External Relations) in the Faculty of Medicine at the University of New South Wales and the Head of the Ocular Immunology Research Laboratory in the Centre for Infection and Inflammation. Professor Wakefield is a Director of Immunology and Immunopathology for the SE Sydney Area Health Service. He is a clinical immunologist whose major interest is in the pathogenesis of inflammatory eye disease, in particular the role of microorganisms and genetic factors in cause of uveitis and scleritis. His major research interests include immune abnormalities in autoimmune disease, allergy, inflammatory eye disease and the pathogenesis of post infection fatigue syndromes. He has over 300 peer reviewed publications, is on several editorial boards and was a longstanding immunology editor of the Australian New Zealand Journal of Medicine.

JOY WOOD
Joanne Wood is a Professor in the School of Optometry and Vision Science at QUT and has research expertise spanning a number of key areas. Joanne graduated with first class honours in Optometry from Aston University, UK and spent two years in optometric practice before returning to Aston University to complete a PhD in automated visual field investigation. Her PhD was followed by a Post Doctoral fellowship in clinical psychophysics at Oxford University. She then joined the School of Optometry at Queensland University of Technology (QUT) in Brisbane, Australia in 1989 as a Post Doctoral Fellow and currently holds the position of Professor in the School. Joanne has an international reputation for her investigations of the relationship between vision, ageing and driving performance and has made a significant contribution to understanding how visual impairment affects driving performance, identifying risk factors for unsafe older drivers and on the factors affecting pedestrian visibility at night-time.
## SCHEDULE: SUNDAY 24 MAY 2015

<table>
<thead>
<tr>
<th>Time (Start)</th>
<th>Stream 1 - Topic</th>
<th>Speakers</th>
<th>Stream 2 - Topic</th>
<th>Speakers</th>
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</thead>
<tbody>
<tr>
<td>8.00am</td>
<td>Recent Advances in Age-Related Macular Degeneration <strong>T</strong></td>
<td>Lauren Ayton</td>
<td>Practical and theoretical aspects of prescribing for moderate to high hyperopia</td>
<td>Stephen Leslie</td>
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<tr>
<td>9.00am</td>
<td>Autoimmune diseases through the eyes of an Immunologist <strong>T</strong></td>
<td>Denis Wakefield</td>
<td>Grand rounds in Occupational Optometry: Recent developments and the implications for clinical practice</td>
<td>Jenny Long</td>
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<tr>
<td>10.00am</td>
<td>Optimum use of topical steroids and antibiotics - a survival guide <strong>T</strong></td>
<td>Mark Roth</td>
<td>The impact of eye diseases on driving</td>
<td>Joanne Wood</td>
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<tr>
<td>11.00am</td>
<td>Management of diabetes and other endocrine disorders <strong>T</strong></td>
<td>Kenneth Ho</td>
<td>Vision Restoration using Bionic Eyes: Present Realities and Future Aspirations</td>
<td>Lauren Ayton</td>
</tr>
<tr>
<td>12.00pm</td>
<td>Retinal manifestations of systemic diseases in primary care <strong>T</strong></td>
<td>Simon Chen</td>
<td>No lecture in Stream 2</td>
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<tr>
<td>1.10pm</td>
<td>New insights into keratoconus and corneal ectasias <strong>T</strong></td>
<td>John Males</td>
<td>Fabry disease: saving a life with a slit lamp <strong>T</strong></td>
<td>Mark Roth</td>
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<tr>
<td>2.10pm</td>
<td>When RNFL thinning isn't glaucoma <strong>T</strong></td>
<td>Michael Yapp</td>
<td>Retinal manifestations of systemic diseases in primary care (REPEAT OF 12PM LECTURE) <strong>T</strong></td>
<td>Simon Chen</td>
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<tr>
<td>3.10pm</td>
<td>Ocular side effects of systemic drugs <strong>T</strong></td>
<td>Michael Chilov</td>
<td>Learning difficulties – what to look for during a ‘routine’ exam</td>
<td>Stephen Leslie</td>
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<tr>
<td>4.10pm</td>
<td>When eye drops are not enough – treatment of anterior eye disorders with oral medications <strong>T</strong></td>
<td>Mark Roth</td>
<td>Night Driving</td>
<td>Joanne Wood</td>
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<tr>
<td>5.10pm</td>
<td>Cranial nerve and pupil abnormalities <strong>T</strong></td>
<td>Claire Fraser</td>
<td>No lecture in Stream 2</td>
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<tr>
<td>6.10pm</td>
<td>Finish</td>
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**T** = Therapeutics Points Accredited
* Each lecture provides 3 CPD points with assessment and 2 CPD points without assessment.
* Assessment will be carried out at the completion of each lecture using electronic keypad technology.
* Delegates will be required to register their attendance at each lecture they attend using their keypads.
* For more information, please contact the Association on 02 9712 2199.
WORKSHOPS: SATURDAY 23 MAY 2015
Location: UNSW School of Optometry & Centre for Eye Health

<table>
<thead>
<tr>
<th>Time</th>
<th>SOVS Workshop*</th>
<th>CPD Points</th>
<th>CFEH Workshop*</th>
<th>CPD Points</th>
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</thead>
<tbody>
<tr>
<td>12:30 - 1:00PM</td>
<td>REGISTRATION</td>
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<tr>
<td>1:00 - 3:00PM</td>
<td>Accommodation &amp; Binocular Vision</td>
<td>6</td>
<td>Interpreting OCT - From Ora Serrata to Optic Nerve</td>
<td>12T*</td>
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<tr>
<td>3:00 - 3:30PM</td>
<td>Afternoon Tea / Registration for 3:30PM workshops</td>
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<tr>
<td>3:30 - 5:30PM</td>
<td>Accommodation &amp; Binocular Vision</td>
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<td>5:30PM</td>
<td>FINISH</td>
<td></td>
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PLEASE NOTE THAT EACH WORKSHOP IS RUN TWICE
* Registration: Clinic Reception, School of Optometry, Rupert Myers Building, UNSW Gate 14, Barker St, Kensington.
* Registration: Centre For Eye Health, Rupert Myers Building, UNSW Gate 14, Barker St, Kensington.
* For more information, refer to www.oaansw.com.au
* 12T: 6T for the workshop + 6T for completing three pre-workshop online short courses.
T = Therapeutics Points Accredited

HOW TO REGISTER
Register online by visiting payments.oaansw.com.au/supersunday or scan the QR code on the right, or call the office on 02 9712 2199.
Saturday Accommodation & BV Workshop: $229 members, $345 non-members
Saturday OCT Workshop: $299 members, $499 non-members
Sunday Super Sunday Conference: $369 members, $550 non-members

TRAVEL
BY RAIL
CityRail operates frequent train services between Redfern Station (adjacent to the Australian Technology Park) and other major Sydney stations. For information call the Transport Infoline on 131 500 or visit www.131500.com.au.
Exit at Redfern station, Platform 10. Walk past the Water Tower apartment block and follow the walkway through to the Australian Technology Park. Pedestrian access to the Locomotive Workshops is through Bays 1, 4 and 8. The Super Sunday Conference is located in Bay 4.

BY BUS
There are frequent bus services to the Australian Technology Park from the city and Sydney's domestic and international airport. The bus stop closest to the Australian Technology Park is on the corner of Boundary and Regent Street. For bus timetables call the Transport Infoline on 131 500 or visit www.131500.com.au.

BY CAR
The entrance to the Australian Technology Park car park is from Henderson Road, Eastleigh. Event/Visitor car parking is available at 8 Central Ave (Media City Building). Collect a ticket from the boom gate and drive through to the Car Park, located at Ground Floor, 8 Central Ave. Parking is currently $30/day.

BY TAXI
The entrance to the Australian Technology Park for taxis, deliveries and coaches is from the corner of Garden and Boundary Streets.

TRAVEL TO UNSW (Workshops Only)
If you require assistance with directions to UNSW, please call the office on 02 9712 2199.
STREAM 1

8.00AM LAUREN AYTON
Recent advances in AMD
Age-related macular degeneration (AMD) is the most common cause of low vision and blindness in Australia, with optometrists consulting patients with the early signs of the disease on a daily basis. This presentation will provide an overview of the current knowledge surrounding early AMD, an update of the pharmaceutical options available for late AMD, and a discussion regarding the new emerging treatments for the earliest stages of the disease.

9.00AM DENIS WAKEFIELD
Autoimmune diseases through the eyes of an immunologist
Autoimmune diseases (AID) are harmful immunological processes that affect approximately 5% of the population. They are characterised by antibody or cell-mediated immune reactions against self-antigens resulting in a dysregulation of the immune system that afflicts the eye, as well as all other organs of the body. There are criteria for defining an AID and diagnostic criteria have been developed for most of the common AID, such as Rheumatoid arthritis, MS, Sjogren syndrome and SLE. These will be discussed in the context of the mechanisms and diagnosis of AID.

10.00AM MARK ROTH
Optimum use of topical steroids & antibiotics – a survival guide
There is an art as well as a science to therapeutic prescribing. This presentation will review the topical steroids and antibiotics available for opthalmic prescribing as well as discussing optimum drug selection for a variety of clinically relevant anterior eye cases. Cases are designed to help clinicians become more comfortable with optimum prescribing of antibiotics and steroids. For each real life case, the drug selection process will be described with specific attention to dosing and duration of treatment.

11.00AM KENNETH HU
Management of diabetes & other endocrine disorders
Diabetes and Grave’s disease are associated with cardiovascular and metabolic features. Poor control leads to acute and chronic ocular complications. Achieving good control is challenging and patients can suffer treatment-related complications. An update on the management of diabetes and Grave’s disease will be discussed.

12.00PM SIMON CHEN
Retinal manifestations of systemic diseases in primary care
In this clinical presentation, informative case studies and videos will highlight take home messages, to enable optometrists to recognise the ‘top 10 retinal manifestations of systemic disease. Practical tips on initiating appropriate investigations in an optometric primary care setting will be provided.

1.00PM JOHN MALES
New insights into keratoconus & corneal ectasia
In 10 years, treatments for keratoconus and corneal ectasia have undergone a paradigm shift. From a time where contact lenses and corneal transplants were the only options we now have treatments to stop progression, improve and modify the corneal shape, improve the refraction of the eye with phakic IOLs and selective corneal transplantation for advanced cases. This talk will discuss the diagnosis, investigation of keratoconus and related ectasias. The treatment options which empower our patients with these conditions will be discussed.

2.00PM MICHAEL YAPP
When RNFL imaging isn’t glaucoma
With the increased uptake of OCT and red-free retinal photography in the clinical diagnosis of glaucoma, it is critical that optometrists are able differentially diagnose non-glaucomatous from glaucomatous RNFL loss. This presentation utilises a case study based approach to highlight and demonstrate the key features and diagnostic characteristics of conditions that mimic glaucomatous RNFL loss.

3.00PM MICHAEL CHILLOW
Ocular side effects of systemic drugs
Many of our patients are taking medications which can have an impact on eye health. This practical presentation will review drugs with common ocular side effects, how to screen for these side effects and review the latest recommendations for screening. Additionally, the presentation will also review the side effects of recreational drugs which are being increasingly seen by eye care practitioners.

4.00PM MARK ROTH
When eye drops are not enough
Most optometrists will encounter patients with conditions which require oral medications as the most appropriate drug to manage that particular ophthalmic problem. This presentation will address the concept of optometrists prescribing these agents in Australia and review the most common conditions optometrists are likely to encounter, including relevant treatment guidelines and case presentations will be included to highlight real patient scenarios.

5.00PM CLAIRE BRAZIER
Cranial nerve & pupil abnormalities
This lecture will review the anatomy and function of the cranial nerves relevant to ophthalmology; the neural control of the pupil; how to detect and diagnose cranial nerve palsies and pupil abnormalities, as well as advice on what to do if you find something abnormal.

STREAM 2

6.00PM STEPHEN LESLIE
Practical & theoretical aspects of prescribing for moderate-high myopia
Children and adults with significant hyperopia can present opotometric challenges in determining an optimal prescription, assessing associated binocular vision dysfunctions, and can have reduced monocular or binocular visual acuties. Testing protocols including static, cyclogic and near retinoscopy; binocular vision assessment; and prescribing principles, will be reviewed for easy clinical application.

7.00PM JENNY LONG
Grand rounds and ocular health optometry
The presentation will provide an overview of recent developments within occupational optometry and the implications of these developments for clinical practice. Topics covered will include eye protection standards published within the last 5 years, standards and guidelines for the use of digital devices, trends in visual testing and accessing relevant information about vision standards for a range of industries and professions.

8.00AM JOANNE WOOD
The impact of eye diseases on driving
Optometrists have a critical role in assessing patients’ visual fitness to drive. This presentation will provide an overview of relevant studies relating to the impact of a range of eye diseases on driving ability and safety and which visual parameters are most important for safe driving. The implications of this evidence for Optometrists when assessing a patient’s visual fitness for driving and providing relevant advice to their patients will be discussed.

9.00AM LAUREN AYTON
Vision restoration using bionic eyes
Recent advances in the field of visual prostheses, or ‘bionic eyes’, have shown proof of concept, with devices able to restore some rudimentary vision to people with profound visual impairment and blindness. This presentation will provide an update on the work of Bionic Vision Australia and the pilot clinical trial of our novel suprachoroidal implant. In addition, we will discuss the limitations and challenges of such devices, and the future aspirations for the field.

10.00AM NO LECTURE

WORKSHOPS

ACCOMMODATION AND BINOCULAR VISION
This workshop is for practitioners who want to improve their diagnosis and management of patients presenting with binocular vision symptoms. The workshop will be interactive with delegates in small groups guided by expert clinicians with access to patients with binocular vision abnormalities.

INTERPRETING OCT
OCT imaging has become an integral part of ocular disease assessment. This workshop is designed for practitioners who have a basic or intermediate knowledge on OCT imaging with the goal of improving their understanding and interpretation of OCT imaging including glaucoma, macular and peripheral retinal scans. The course incorporates three 1 hour online lectures (6 Therapeutic points) prior to an in-house 2 hour workshop where a range of case studies will be discussed at length in small groups, as incorporating hands on experience with 3 different OCTs.