

Optometry DisList

Instance 2015: 11

Tuesday, 7 July 2015

Today's Subjects

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- EyeCareForAll Photo Competition launched - Embargo lifted
- Pocket optician 'good as eye charts'
- Optometrist Cum Research Coordinator (Male) (Job opening)
- IACLE World Congress hails technology as future for contact lens education
- Staff Optometrist (Job Opening)

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Today's Messages:

Date: Wednesday, 17 June 2015

From: Dinesh C Fernandes ([dinesh.fernandes@indiavisioninstitute.org](mailto:dinesh.fernandes@indiavisioninstitute.org))

Subject: Watch IVI interviews on Youtube

Watch IVI video interviews, titled 'In Conversation with Vinod Daniel' on IVI YouTube channel '[www.youtube.com/indiavisioninstitute](http://www.youtube.com/indiavisioninstitute)'

The recent videos being: An inspirational interview with Ms. Beno Zephine NL, a 100% visually challenged individual who joined the Indian Foreign Service and another interview with Mr Sean Kelly – Australia's Consul General for South India.

Subscribe to IVI YouTube channel and watch all our interviews.

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Date: Wednesday, 17 June 2015

From: Sandhya Shekar (sandhya.shekar@indiavisioninstitute.org)

Subject: Enhanced Visual Search in Infancy Predicts Emerging Autism Symptoms

### Summary

In addition to core symptoms, i.e., social interaction and communication difficulties and restricted and repetitive behaviors, autism is also characterized by aspects of superior perception. One well-replicated finding is that of superior performance in visual search tasks, in which participants have to indicate the presence of an odd-one-out element among a number of foils. Whether these aspects of superior perception contribute to the emergence of core autism symptoms remains debated. Perceptual and social interaction atypicalities could reflect co-expressed but biologically independent pathologies, as suggested by a “fractionable” phenotype model of autism. A developmental test of this hypothesis is now made possible by longitudinal cohorts of infants at high risk, such as of younger siblings of children with autism spectrum disorder (ASD). Around 20% of younger siblings are diagnosed with autism themselves, and up to another 30% manifest elevated levels of autism symptoms. We used eye tracking to measure spontaneous orienting to letter targets (O, S, V, and +) presented among distractors. At 9 and 15 months, emerging autism symptoms were assessed using the Autism Observation Scale for Infants, and at 2 years of age, they were assessed using the Autism Diagnostic Observation Schedule. Enhanced visual search performance at 9 months predicted a higher level of autism symptoms at 15 months and at 2 years. Infant perceptual atypicalities are thus intrinsically linked to the emerging autism phenotype.

For full article, please visit [http://www.cell.com/current-biology/pdf/S0960-9822\(15\)00555-2.pdf](http://www.cell.com/current-biology/pdf/S0960-9822(15)00555-2.pdf)

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Date: Friday, 26 June 2015

From: B V Tejah, ([tejahb@iapb.org](mailto:tejahb@iapb.org))

Subject: EyeCareForAll Photo Competition launched - Embargo lifted

The International Agency for the Prevention of Blindness (IAPB) invites amateur and professional photographers around the world to join us in highlighting the impact of eye health in people’s lives, by taking part in an International Photography Competition with theme, ‘**Eye care for all**’.

With support from Bayer Health Care, the photo competition will draw attention to universal eye health coverage, especially for those who are vulnerable and most in need.

With the theme, 'Eye care for all' IAPB encourages you to share images that highlight our successes and also document unmet need. 'Eye Health' also includes rehabilitation and assistive services for those with irreversible vision loss.

For World Sight Day (8 October 2015) the call to action is also "Eye care for all". [World Sight Day](#), an international day of awareness about avoidable blindness and its prevention, is an important advocacy and communications opportunity for the eye health community. It is a great time to engage with a wider audience – a patient's family, those who seldom get an eye exam, diabetics – and showcase why eye health needs everybody's attention.

Participation in the competition is open worldwide – upload a photo that best exemplifies "eye care for all", give it a title or caption, clearly note your name, profession and contact details on the competition micro-site, <http://photocomp.iapb.org>

Submissions will be open for public voting on IAPB's social pages, and the pictures with the most votes will be shortlisted for review by a panel. The competition will be open till 8 October 2015 - World Sight Day. The panel will then choose two winners and 5 runners-up, who will be announced at the IAPB Council of Members meetings in China on 14 October 2015.

The professional prize will be a fantastic opportunity to visit and photo-document an eye care project. With IAPB's members working on every continent, eradicating millennia-old microbes or 21<sup>st</sup> century conditions, the project visit will be a once-in-a-lifetime opportunity. The amateur prize will be a Nikon D3300 camera – a great first step into the world of professional photography. There will also be a special prize for children. Runners-up will be included in a roll call at the Council meetings and all winners will be part of a Photo Exhibition at IAPB's [10<sup>th</sup> General Assembly](#) in Durban, South Africa in 2016.

The Photo competition will be a key focus for IAPB during its World Sight Day (8 October 2015) celebrations this year. For more information do visit the micro-site: <http://photocomp.iapb.org>

For further details, please contact B V Tejah, ([tejahb@iapb.org](mailto:tejahb@iapb.org))

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Date: Friday, 26 June 2015

From: Abhishek Kalbarga ([abhishek.kalbarga@indiavisioninstitute.org](mailto:abhishek.kalbarga@indiavisioninstitute.org))

Subject: Pocket optician 'good as eye charts'

A smartphone app is as effective at testing eyesight as an optician's clinic, a trial suggests.

The team, at the London School of Hygiene and Tropical Medicine, hopes it can transform eye care for millions of people in remote parts of the world. Trials on 233 people in Kenya, published in JAMA Ophthalmology, showed the phone produced the same results as eye charts.

More than 285 million people around the world are blind or visually impaired. It is often easy to treat with something as simple as a pair of glasses or cataract surgery. But too often people are beyond the reach of even a basic eye exam.

The team in London, with colleagues in Scotland, modified a smartphone to develop a series of eye tests that could be used with little training and were easily portable. The Portable Eye Examination Kit (Peek) uses the phone's camera to scan the lens of the eye for cataracts. Its "Acuity App" uses a shrinking letter which appears on screen and is used as a basic vision test. It uses the camera's flash to illuminate the back of the eye to check for disease.

Dr Andrew Bastawrous, who led the project, told the BBC: "The main reason for most people not getting eye treatment is simply that they don't access the services and that's usually because the services are so far away from them or are unaffordable. "If we can detect people with visual impairment much earlier on then we have a much greater chance of increasing awareness and ensuring they have appropriate treatment. "So something as simple as a vision test can be part of that journey."

The phone is relatively cheap, costing around £300 rather than using bulky eye examination equipment costing in excess of £100,000. It has previously said: "We simply don't have the trained eye health staff to bring eye care services to the poorest communities. This tool will enable us to do that with relatively untrained people."

Article source: [http://www.bbc.com/news/health-32914227#?utm\\_source=twitterfeed&utm\\_medium=twitter](http://www.bbc.com/news/health-32914227#?utm_source=twitterfeed&utm_medium=twitter)

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Date: Saturday, 27 June 2015

From: Ujvala ([hr@laxmieye.org](mailto:hr@laxmieye.org))

Subject: Optometrist Cum Research Coordinator (Male) (Job opening)

**Position Name:** Optometrist Cum Research Coordinator (Male)

**Company Name:** Laxmi Eye Institute

**Location:** Panvel, Maharashtra

**Company Email:** [hr@laxmieye.org](mailto:hr@laxmieye.org)

**Vacancy: 1**

**Reports to:** Manager/HOD – Optometry and Research Head

**Summary of the position**

The primary function of this position is to work on dual function both as optometrist for patient examination and on extensive research to help the Institute for Presentations in Local, National and International conferences.

Laxmi Eye Institute is the largest Super Speciality Eye Hospital in the area of Navi Mumbai – Panvel and Konkan region, offering a wide range of services including OPD procedures and surgeries under one roof. It has a team of highly qualified and well trained Consultants. It specializes in handling complex and complicated cases and has proven reputation in succeeding where others have lost hope. Laxmi Eye Institute's commitment to the society is strong and visible through its community outreach programs and eye camps in remote areas of the district.

For Further details, please visit <http://www.eyecarejobs.in/index.php/jobs/advert/63-optometrist-cum-research-co-ordinator>

To Access the above link please Log in/Register with <http://www.eyecarejobs.in/>

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Date: Tuesday, 30 June 2015

From: Alison Ewbank ([a.ewbank@iacle.org](mailto:a.ewbank@iacle.org))

Subject: IACLE World Congress hails technology as future for contact lens education

Providing large numbers of students with clinical experience of contact lenses is among the challenges faced by contact lens educators around the world that could be met by more use of technology in teaching.

That's the verdict of speakers at the Third IACLE World Congress where educators from 30 countries came together to share their experiences and learn about the role of classroom technology in shaping the future of contact lens education.

Technologies discussed included virtual and augmented reality devices that could create authentic learning opportunities using computer simulations. In the US, the University of Houston is already using Simulation Lab to demonstrate refractive techniques to students, and in schools in China a virtual fitting centre is among the technology now in use.

In teaching, the iPad could be used to 'flip' the classroom, transform the learning space and create ePub content with rich media and interactive features. Learning management

systems such as Blackboard, collaboration tool Nearpod and apps Explain Everything and Showbie were among those demonstrated.

The most common changes would be to introduce multimedia presentations, interactive lectures and pre-recorded sessions to their teaching. Others said they would use technology for knowledge assessment. Moving to paperless education and introducing evidence-based practice earlier in the curriculum were other planned changes.

For further details, please contact Alison Ewbank ([a.ewbank@iacle.org](mailto:a.ewbank@iacle.org))

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Date: Friday, 3 July 2015

From: Shrikant R. Bharadwaj ([bharadwaj@lvpei.org](mailto:bharadwaj@lvpei.org))

Subject: Staff Optometrist (Job Opening)

The L V Prasad Eye Institute (LVPEI) is seeking applications from young, bright and qualified optometrists for patient care services at its Kallam Anji Reddy campus, Hyderabad. Fresh Optometry graduates or those with a 4-year Bachelor<sup>1</sup>s degree and a few years of clinical experience are encouraged to apply. Hiring process will consist of a personal interview and assessment of clinical/teaching skills. The candidate will be primarily responsible for engaging in patient care activities (out-patient department and diagnostics) in the various ophthalmic sub-specialties in the hospital. Candidates are usually assigned to one sub-specialty but they may be rotated to other departments based on the requirement of the institute. Financial remuneration and benefits will be commensurate with the candidate<sup>1</sup>s experience.

LVPEI offers exciting career path for Optometrists in the form of clinical/basic science research, expanding expertise in core clinical areas and teaching. Optometrists are encouraged to split their time between two of the three aforementioned paths. The Optometrist will also have close interactions with Ophthalmology and basic science colleagues.

If interested, please contact Dr Shrikant Bharadwaj ([bharadwaj@lvpei.org](mailto:bharadwaj@lvpei.org)), Mr Ravikumar ([gravikumar@lvpei.org](mailto:gravikumar@lvpei.org)) and Mr HariKrishna ([harikrishna@lvpei.org](mailto:harikrishna@lvpei.org)) of HR with the latest resume and cover letter by the 10th July 2015. Interview date will be indicated to those who have applied shortly after the deadline.

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India Vision Institute  
Plot No 212, No 45, Palkalai Nagar,  
7th Link Road, Palavakkam,  
Chennai - 600041, TN, India  
Tel. No. : +91 - 44 - 24515353.

Email: [ivi@indiavisioninstitute.org](mailto:ivi@indiavisioninstitute.org)

Web: [www.indiavisioninstitute.org](http://www.indiavisioninstitute.org)

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