

Optometry DistList

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Date: 11 January 2018

From: Optometry Council of India (info@optometrycouncilofindia.org)

Subject: Faculty position vacant at Department of Optometry- Manipal Academy of Higher Education

Manipal Academy of Higher Education - Department of Optometry, looking for faculty (with FIACLE preferable) with expertise in Contact lens and refractive surgery, to improve their students competency towards CL care, help them learn refractive surgeries & CL applications and in the near future help establish specialty CL clinic at Manipal.

Either of the below positions will be taken

1 Assistant Professor- Minimum qualification of Masters in Optometry with academic experience, , attitude to imbibe innovative methods of teaching learning, 2 years of clinical experience and research output is an added plus. The candidate with interest to pursue PhD shall also be supported & motivated. Depending on the no of years of teaching post masters they will be recruited for Assistant Professor (Selection or Senior), the remuneration are equivalent to UGC scale 5-6.

1 Associate Professor, Qualification is PhD with over 10 years of teaching post masters, good research experience and min 4 Scopus indexed publications, keen interest to establish independent research grant & lab.

Interested candidates can contact:

Dr Ramesh S Ve

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Date: 12 January 2018

From: Sheeba Swarna (sheeba.swarna@indiavisioninstitute.org)

Subject: In the blink of an eye – Optometry Today

Researchers have reported on the use of technology that analyses a patient's blink reflex in order to determine neurological function.

The portable Blink Reflexometer uses high-speed video to capture and quantitatively analyse a series of blinks that are stimulated with a puff of air. Blink information is then analysed based on decades of blink reflex research to determine if the patient has a neurological injury.

Researchers used the Blink Reflexometer on ten healthy young adults. Scientists compared the results using the Blink Reflexometer to those gathered using electromyographic measurements – the current gold-standard for this type of analysis.

The findings suggest that the technology can provide quantitative measurements of blink reflex that are on par with electromyographic measurements.

The authors highlighted: “The study results indicate that the device is a viable tool to obtain fast, objective, and quantitative metrics of a blink reflex, and has promise as a non-invasive diagnostic assessment of neurological health.”

For full text article, click here: <http://ieeexplore.ieee.org/document/8187653/>

Date: 23 January 2018

From: World Council of Optometry

Subject: Request for Proposal (RFP) to Co-Host the 4th World Congress of Optometry in 2021

The World Council of Optometry (WCO) is now officially soliciting proposals from WCO global regions, country members and affiliate members to co-host the 4th World Congress of Optometry in 2021.

The World Congress of Optometry features two continuing education tracks – a scientific/clinical track and an educator's track with a unique platform to shape optometric education.

The 1st World Congress of Optometry was held in Medellin, Colombia in August 2015 where we co-hosted with our member FEDOPTO from Colombia. It was a resounding success with approximately 2,400 international delegates attending over the three-day conference. The 2nd World Congress of Optometry was held September 11-13, 2017 in Hyderabad, India where we partnered with our members – the Asia Pacific Council of Optometry and the India Vision Institute. Approximately 1,100 delegates attended over the three-day conference. In both cases, the 1st and

2nd World Congresses of Optometry were organized in conjunction with WCO member annual regional/national meetings.

The upcoming 3rd World Congress of Optometry will be hosted in conjunction with the American Academy of Optometry meeting in October 2019 in Orlando, Florida, USA.

WCO is pleased to invite to submit your bid for co-hosting the 4th World Congress of Optometry. RFP responses are due by June 30, 2018. We anticipate a 4th World Congress of Optometry co-host selection and announcement by the end of 2018. We will begin working with the selected co-host sometime after the beginning of January 2019.

We look forward to co-hosting the 4th World Congress of Optometry in 2021 and expect it to be another highly anticipated and successful event. If you have any questions, please write to Ms Susan J Chiles (sue.chiles@worldoptometry.org)

For more information, please click here: <https://worldcouncilofoptometry.info/rfp-for-co-hosting-the-4th-world-congress-of-optometry-2021/>

Date: 13 January 2018

From: M.Chandrashekher (m.chandrashekher@indiavisioninstitute.org)

Subject: AR glasses help surgeons when operating on tumors

Malignant tumors often form metastases that spread to other parts of the body via the lymphatic system. High surgical skills are required to identify the precise location of the affected lymph nodes, enabling them to be completely removed. Fraunhofer researchers have developed a navigation aid that simplifies such interventions. 3-D-ARILE is an augmented reality (AR) system that superimposes a virtual image of the exact position of the lymph nodes using data glasses.

Cancer cells can be transported by the lymph fluid to the lymph nodes. This leads to the growth of secondary tumors, or metastases. The first lymph nodes to be affected are referred to as sentinel lymph nodes. Despite advances in medical science, it is still difficult for doctors to determine the precise anatomical location of sentinel lymph nodes during surgery and to check that the affected lymph nodes have been completely removed. 3-D-ARILE, developed by researchers at the Fraunhofer Institute for Computer Graphics Research IGD, provides doctors with a navigation aid for lymph node removal.

The novel augmented reality system, based on the use of data glasses, helps surgeons locate lymph nodes with the aid of virtual markers. What makes these AR glasses special is that they work in combination with powerful medical navigation software, a stereoscopic, near infrared (NIR) camera system, and indocyanine green (ICG) fluorescent dye. "To make the affected lymph nodes visible, the fluorescent dye is injected into the patient in the direct vicinity of the primary tumor.

It then spreads along the lymphatic pathways and collects in the sentinel lymph nodes," explains Fraunhofer IGD research scientist Dr. Stefan Wesarg. The dye fluoresces when exposed to infrared light, in this case generated by infrared LEDs. NIR cameras capture the fluorescence and produce a

3-D reconstruction of the affected lymph node. This virtual image showing their exact position is superimposed in real time and can be viewed by the surgeon through the data glasses. The necessary software was developed by the research team in Darmstadt. "In our case, the malignant tissue is marked in green. In this way, the surgeon can verify that every last trace has been removed," says Wesarg.

Read more at: <https://phys.org/news/2017-11-ar-glasses-surgeons-tumors.html#jCp>

Date: 23 January 2018

From: Sridevi Sunderarajan (sridevi@vision2020india.org)

Subject: Inviting applications for Travel Scholarship – Vision 2020: The Right to Sight India 14th annual conference

Vision 2020: The right to sight India offers travel scholarship for students to attend their 14th annual conference held on 9 & 10 June, 2018. The travel scholarship is offered to postgraduate students or clinical fellows of ophthalmology or a final year optometry student or optometry fellows.

The selected applicant/s will be given travel passage to the venue of the conference at the lowest fare either by train or bus. We are offering 3 scholarships subject to certain conditions. The scholarship has been made possible by a grant given by Dr GN Rao, Chairman, LVPEI .

Eligibility

Who Can Apply

- Postgraduate students
- Clinical fellows of ophthalmology
- Final year optometry student
- Optometry fellows

Important Dates:

Last date for receiving application: 15 March 2018

Announcing the selected students: 1 April, 2018

For more details and application form, please write to mrinal@vision2020india.org

Date: 30 January 2018

From: Clive Miller (clive.miller@givingsight.org)

Subject: Merger between Optometry Giving Sight and Brien Holden Vision Institute Foundation-
Press Release

The Global Board of Optometry Giving Sight announced today that it will merge its operations into the Brien Holden Vision Institute Foundation. The decision was based on a desire to ensure that by working more closely together, the entities could achieve more significant and sustained outcomes to benefit the millions of people who are needlessly blind or vision impaired simply because they can't access an eye exam and glasses from a qualified optometrist.

“Support for public eye health has changed enormously since 2003 when Professor Brien Holden first established Optometry Giving Sight in partnership with the World Council of Optometry and the International Agency for the Prevention of Blindness,” said Dr. Juan Carlos Aragon, Chair of Optometry Giving Sight. “Optometry Giving Sight has done an incredible job over the past 14 years in mobilizing resources from the global optometric profession and industry to support more than 117 high impact eye and vision care projects in 39 countries around the world.

“Our goal is to ensure the campaign can continue to grow and develop. The Board feels this can be done most effectively as part of the Brien Holden Vision Institute Foundation.”

Dr. Aragon advised that all current Global Board members have been invited to continue to support the campaign as part of a newly formed Advisory Board; and that he will join the Board of the Brien Holden Vision Institute Foundation. All current agreements with Optometry Giving Sight project partners will continue and the Optometry Giving Sight brand will be maintained.

Clive Miller finished up as Optometry Giving Sight CEO in December 2017 and has since accepted the newly created role of Global Head of Philanthropy for the Foundation. All other Optometry Giving Sight staff will remain working in the merged organization.

“We have always regarded Optometry Giving Sight as a part of the Brien Holden Vision Institute family,” said CEO, Professor Kovin Naidoo. “By merging our operations, we become more effective and gain the opportunity to maximize the resources that we can dedicate to key program areas.

“These include the Our Children’s Vision campaign, education and training for new and established Optometrists in emerging communities, and a range of advocacy activities with organizations including the World Council of Optometry and International Agency for the Prevention of Blindness.”

Professor Naidoo said he believes that the late Professor Brien Holden would have been enormously proud of what Optometry Giving Sight has achieved, and be incredibly grateful for all the support provided by donors, sponsors, staff and the various Global and National Boards.

“I know it would be Brien’s fervent wish that our current donors and sponsors continue to support Optometry Giving Sight as we move forward and focus on the growing impact of myopia on children throughout the world, and the need to train and equip many more optometrists to be able to provide services in areas of great need,” he said.

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