



CIAN Students at Annual Retreat - 2012



NEWS LETTER

FEBRUARY 2013

Center for Integrated Access Networks Industry Newsletter

CIAN welcomes new Director of Education and Outreach Director

Dr. Allison Huff has recently joined the CIAN team. Allison worked in the College of Optical Sciences for over 5 years, where she was the Optical Sciences and Engineering undergraduate academic advisor and the industrial affiliates coordinator. One of her immediate goals is to work with our IAB members and our CIAN ILO to improve student-industry interactions, streamline the job and internship search process, and facilitate communication between industry and our CIAN students. Please welcome Allison to the team. Dr. Kenneth Smith, the former Dean of the Eller College of Management at the University of Arizona introduced participants to the process and challenges of moving from scientific ideas and technologies to market success.

CIAN goes Social

Twitter: We would love your company to follow us on twitter.com at CIAN-ERC

The purpose of our Twitter page is to capture and retweet for our students interesting articles and information from our IAB company's tweets, as well as any job and

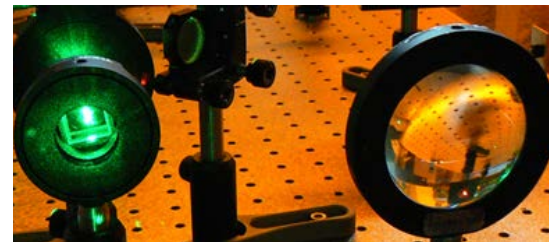
internship postings that your company posts in their tweets. Many of your companies already have a twitter account, but your Human Resources or Public Relations department may be the ones monitoring it. So, if you would kindly send an email to whoever is monitoring it to follow CIAN-ERC that would be greatly appreciated. If this feels "socially" awkward, please send us the twitter contact for your company and we can take care of the details.

https://twitter.com/CIAN_ERC

Facebook: Please "Like" our CIAN Facebook page at

<http://www.facebook.com/pages/CIAN-ERC/564824840210142>

The purpose of our Facebook page is to serve as a hub for CIAN information. We are inviting our students, industry members, faculty, and personnel to "Like" the page so they can be informed of up-to-date news and communication about CIAN.



Tech Tip

You can always retrieve your login and password information by going to <http://data.cian-erc.org> and entering your valid email address and your login information will be sent out to you automatically.

Student Resume

Please Login and download most-up-date Student Resume by clicking Education and then student resume tab : <http://www.cian-erc.org/industry.cfm>

Student Resume Book			
List All Students:			
Name	Status	Date Available	Major Field of Study
Geillan Aly	MS Student		
Michael Shearn	Phd Student Looking for Full-Time	06/01/2010	Physics
Erwin Lau	Post Doctorate Looking for Full-Time		Electrical Engineering
Julian Sweet	Post Doctorate Looking for Full-Time	10/27/2009	Optical Science
Christopher Chase	Phd Student Looking for Full-Time	01/01/2011	Electrical Engineering
Lawrence Stewart	Phd Student Looking for Full-Time	01/01/2011	Electrical Engineering
Benjamin Richards	Phd Student Looking for Full-Time	07/01/2011	Optical Science
Earl Parsons	Phd Student Looking for Full-Time	08/02/2010	Optical Science
Zhenyu Li	Post Doctorate Looking for Full-Time	01/01/2010	Electrical Engineering
THUONG NGUYEN	Phd Student		Organic Chemistry
Sivasankar Radhakrishnan	MS Student Looking for Full-Time	07/01/2010	Computer Science
Marcellinus Harsono	Undergraduate Student Looking for Full-Time	06/12/2011	

Job Openings and Student Resumes

Allison is in the process of creating a student listserv for only those students who are currently, or in the very near future, seeking employment or internship positions. We are inviting our IAB members, and/or the company’s Human Resources managers to send job/internship postings directly to Allison’s email address (Allison@optics.arizona.edu), and she will send those postings directly to our CIAN students. This provides you, our IAB companies, a streamlined approach to filling your company’s employment needs quickly.

CIAN Student Resumes can be viewed at <http://data.cian-erc.org>. Once you login, click on the ‘Document Archive’ link on the left, and then select ‘Resumes’ in the ‘Choose a Category’ drop down box. If you’ve forgotten your username and password, please contact Yousaf Riaz at yriaz@optics.arizona.edu. If you are attending the IAB meeting this weekend, Trin will provide you with an electronic Resume Book as well.

Student Leadership Activities

Allison spearheads the Student Leadership Council’s (SLC) Friday Webinars, broadcasted via Elluminate to all interested CIAN students. Our SLC Organizing Committee works to procure the Webinar presenters. If you would be willing to give a 30 minute talk/presentation on any topic related to industry (your company, the hiring process, your journey from college to industry, cutting-edge products or research, entrepreneurial advice, etc.) we would love to have you. Please contact either Allison (Allison@optics.arizona.edu) or Michael Wang (michael.s.wang.38@gmail.com) to coordinate.

We would like to introduce you to our SLC Organizing Committee and the SLC Representatives for each CIAN partner university:

<p>SLC Organizing Committee Cathy Chen, Chair, (Columbia) Atiyah Ahsan, Vice-Chair, (Columbia) Michael Wang, Student-ILO, (Columbia) Carolyn Reynolds, Education and Outreach Chair, (University of Arizona)</p>	<p>SLC Representatives William Fegadolli, Caltech Lawrence Tzuang, Cornell Ronesha Rivers, NSU Hudu Mohammed, Tuskegee Anthony Yeh, UC Berkeley Brandon Buckley, UCLA Reza Chitgarha, USC Qing Gu, UCSD</p>
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Recent Patent Filings and Disclosures

One of the benefits to being CIAN IAB members is one year exclusive access to Intellectual Property generated by CIAN researchers. The most recent disclosures can be found by logging in to you CIAN account and selecting Outputs and Activities on the left hand side of the page. In the drop down menus select either Patents to see the patents have been filed or awarded in the reporting year or select Invention Disclosures to see recent disclosures.

Recent filings or disclosures include:

- Adjustable Hybrid Diffractive / Refractive Achromatic Lens
- Digital Achromatic Lens through fluid based adaptive optics
- High Efficiency Vertical Optical Coupler Using Sub-wavelength High Contrast Grating
- High power mid infrared supercontinuum fiber laser at 2-5 um
- Laser Illumination Systems and Methods for Dual-Excitation Wavelength Non-Linear Optical Microscopy and Micro-Spectroscopy System
- Reconfigurable optical switch based on digital micro-mirror device
- SHG Imaging Technique for Assessing EO polymer/silicon photonic integrated circuits
- Short Cavity Surface Emitting Laser with Double High Contrast Gratings with and without Airgap
- System and Methods for improving the performance of photorefractive device
- System to print a Holographic stereogram continuously

Please contact the ILO office if you are interesting in licensing any of the disclosures or applications listed above.

Upcoming Industry Events

Industrial Advisory Board (IAB) meeting in conjunction with SPIE Photonics West in San Francisco, CA.

Date: February 4, 2013. 8:00 – 16:00

Location: Parc 55 Wyndham Hotel

55 Cyril Magnin

San Francisco CA 94102

Phone: 1-415-392-800

<http://www.parc55hotel.com>

Keren Bergman (Columbia) and George Porter (UCSD) will provide an overview of the recent research activities and 13 students will present an update on their research programs.

If you need more information, please contact Trin Riojas at trin@optics.arizona.edu. If you are unable to attend, you will still be able to view the presentations online shortly after the meeting. Follow the same instructions for accessing the Student Resumes, but select '**Presentations**' in the 'Choose a Category' drop down box instead.

Strategic Advisory Board (SAB) meeting in conjunction with OFC in Anaheim, CA.

Date: March 17, 2013. There will also be joint activities with OIDA at this year's events. We will provide additional updates as we get closer to the event.

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