



INGAGE & INNOVATE

December 2016 Issue



www.winstepforward.org

IN THIS ISSUE

Community – it's a buzzword we hear a lot, in political speeches, on the news, and even in job offers! Yet, to a significant extent, community may determine your successive meaningful life choices.

During your Khorana or Bose internships in the United States, you experienced communities within communities - members of your new lab, your host institution, and the places you visited. You yourselves were actively engaged in creating a community of your peers, enthusiastically seeking out current and former Khorana Bose Scholars with whom you could connect and share. We know from experience that many of you will preserve and nurture these relationships.

As you settle into your careers, as you watch your children grow year by year, as you become more aware of your own growth, the somewhat amorphous *idea* of community will solidify into a wish for an *ideal* community. The urge to experience and belong to a more visionary community will become stronger. And as you grow into a unique community of thinkers, creators, initiators, and entrepreneurs, we hope you, the Khorana Bose community, will "be the change you want to see in the world." We look forward to it.

Whether you contribute to community locally, nationally, or globally, scientifically or socially, this quarterly publication aims to share real life stories of individuals and groups who are engaged and innovating networks of communities everywhere.

Here are new developments since the last newsletter; (1) We have started to form Alumni Chapters at institutions like UCSD, UW-Madison, John Hopkins, etc. (2) Sci-ROI is launching a YIM Chicago event and (3) Industrial partnerships.

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With Best Wishes,

Aseem Ansari

Aseem Ansari

Professor, Chemical Genomics & Synthetic Biology
Founder-Director, Khorana and S.N. Bose programs



सत्यमेव जयते



MEET AND GREET

Scholar Helps Build Community

Winstep Forward realizes that Khorana Bose students are not only academic performers, but they also tackle a wide range of societal issues. We asked students to submit articles pertaining to social issues they care about. What do Khorana Bose Scholars devote their time to when they are not devoting it to academics?

We will feature one article every newsletter about the inspiring work being done by Khorana Bose Scholars. If you would like to share your enthusiasm about an organization, about a humanitarian worker, or even just raise awareness of social issues you care about, please let us know. We would love to share it with the Khorana-Bose community!

Somesh Mohapatra

2016 Bose Scholar

"Usually students choose STEM as their discipline or career, while for me, it is life. All things revolve around it [life] and I would like to make an impact with this. In my Sophomore year, I was the Institute Coordinator for National Innovation Program (Rashtriya Avishkar Abhiyaan). Being a part of this meant going to schools in rural areas and inculcating their thirst for reason and the idea of Science and Technology as a driving force amongst children in middle school.

To help them comprehend the beauty of Science, we had to make the most intricate details of Science accessible in native language and without any jargon. This was a huge challenge in itself. Then, going for the schools in the biting cold of winter and making the middle schoolers sit and listen to us, or see the experiments that we demonstrated required paramount patience on either side. Nonetheless, the experience was great. Apart from that, we have organized Blood Donation Camps, Agricultural Awareness Drives, Rehabilitation Drives and much more.

I was elected as the General Secretary of the National Service Scheme Team for 2016-17. This position shall mean more responsibilities towards the team and the society at large. Now, we are in talks with Billions in Change, a billion-dollar start-up based in US, for collaborative not-for-profit projects in Uttarakhand, India."



Somesh Mohapatra



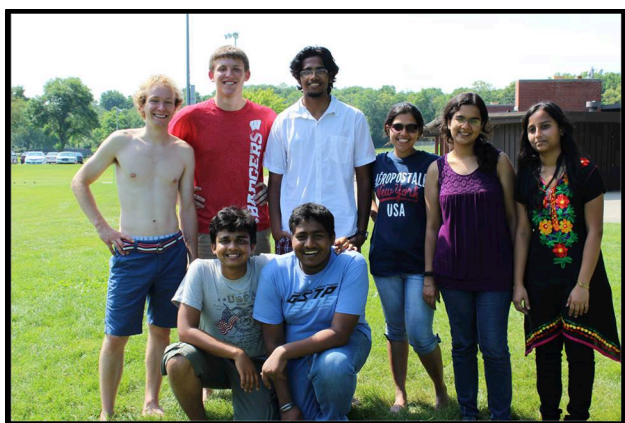
Somesh sharing his love of science

MEET AND GREET

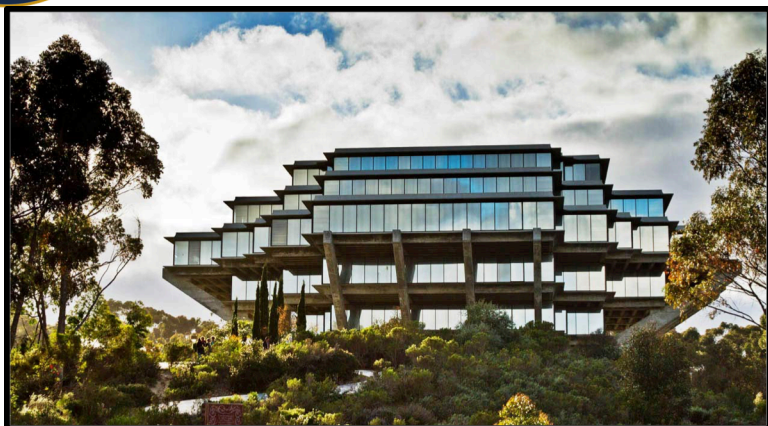
University of California- San Diego Chapter Started

It's official- Khorana-Bose communities are formalizing into Alumni Chapters at various U.S. and Indian Universities. Many Khorana-Bose Alumni have expressed interest in creating long lasting groups in which they can stay in touch, engage in certain activities as a group, and help next generation of scholars. The first Alumni Chapter will be established at the University of California, San Diego. The point of contact for the UCSD chapter is Kanika Khanna. Kanika has helped us connect with the other Khorana Bose alumni at UCSD and she has also started a UCSD Khorana Bose Alumni Facebook page. Also members of the UCSD alumni group are Kanika Khanna, Bhuvan Molparia, Sahana Rao , Annie Rathore, Sachin Sethi, Pragya Sidhwani, and Ipshita Zutshi.

To start more chapters, we need representatives who are interested in starting chapters to contact us! You could help future scholars, as well as stay connected with past scholars. This would involve organizing meetings/ social events with members of the Chapter, having meet and greet sessions between incoming scholars and Alumni. Please email us if you would like to be involved in the Alumni Chapters, as either a representative of the Chapter or a member of the Chapter.



Kanika Khanna, leader of
UCSD Alumni Chapter



INDUSTRY

S. Viswanathan Bridges Indian and U.S. Agriculture Communities

S. Viswanathan is nothing if not persistent. In his 70's, the editor and publisher of India's Industrial Economist magazine and director of the Agricultural Consultancy Management Foundation, is looking for potential U.S. collaborations that can help India become agriculturally sustainable. His steady visits to the United States, punctuated by his regular stops at UW Madison, have made him many friends across the country, from California to D.C.

Mr. Viswanathan has been in the field for fifty years - literally. His passion for improving the state of agriculture in India has kept him ticking like a trustworthy grandfather clock – a respectable fixture that many in India and the U.S. look to for reliable, reputable information on everything dealing from Indian agriculture to Indian policies, politics, and the Indian economy.

Friends welcomed Mr. Viswanathan to UW Madison on May 17, 2016. On this visit, Mr. Viswanathan met with the Chair of the Agricultural and Applied Economics Department, Dr. Ian Coxhead and Sundaram Gunasekaran, the CALS director of International Programs. Dr. Gunasekaran, a professor of Food Science at UW Madison, had organized the meeting to discuss various avenues for potential collaboration between UW Madison and India on projects related to development of sustainable agriculture in India. Also present were Dr. Ken Shapiro, former Dean of Agriculture and Applied Economics, John Ferrick, representing the CALS Office of International Programs, Naveeda Qadir, Executive Director of WINStep Forward, and James Patchett, President of Illinios based Conversation Design Forum.

A few days later, Mr. Viswanathan and his company met at the experimental farm of Ron Doetch, President of Solutions in the Land, in the rural community of Poplar Grove, Illinois. They came to see Mr. Doetch's holistic, ecologically restorative farming practices, and to make an initial determination as to whether or not the methods and procedures in some part or as a whole could be applied to farms in India.

If you would like to learn more about the people and organizations mentioned in this article, please see the links below:



S. Viswanathan: Industrial Economist – www.industrialeconomist.com
Agriculture Consultancy Management Foundation - <http://agriconsulting.org/>



James Patchett: Conservation Design Forum - <http://www.cdfinc.com/>



Ron Doetch: Solutions in the Land - <http://www.solutionsintheland.com/>

Link to Magazine website: <http://www.industrialeconomist.com/index.php>

INDUSTRY

Mahindra and Mahindra visits UW Madison

Mahindra and Mahindra, a global leader in agribusiness and vehicular manufacturing, deployed Mahindra Deputy General Manager, Sudarsanam S., to the United States in June 2016. His mission is to explore academic venues for potential collaboration on construction of farm equipment for the United States agribusiness market.

UW Professor Sundaram Gunasekaran as well as the CALS director of International Programs invited Mr. Sudarsanam S. to UW Madison. Upon meeting with Professor Aseem Ansari and Naveeda Qadir of WINStep Forward, Mr. Sudarsanam related that he was close to wrapping up his visits to possible collaborative sites in the U.S. He had already visited with University of Kansas, University of Indiana, and after UW Madison, was headed to University of Texas.



UW Madison is and has been a world leader in agriculture, using its in-house expertise to address local farm related problems. Below are a few of the many notable achievements UW Madison has made in the fields of agriculture related sciences, from agriculture economics to genetics. To view more, please visit <http://www.cals.wisc.edu/about-cals/history/cals-firsts/>.

1890 – Agricultural chemist Stephen Babcock develops test to measure butterfat content in milk. Buyers can now pay farmers according to the fat content of their milk.

1909 – Nation's first department of agricultural economics founded at CALS.

1910 – Department of what? The college establishes the nation's first department of genetics, but called it "experimental breeding," because certain ag leaders doubted that farmers would understand what "genetics" meant.

1913 – CALS biochemists discovered the first vitamin, A, in 1913. Two years later they discovered the vitamin B complex, which opened the field of nutrition for the identification of all the vitamins in the 1940s.

1919 – Hello to all you farmers. Ag information from the college serves as the content for the nation's first regular radio broadcasts.

1923 – Biochemist Harry Steenbock figures out how to biofortify food with vitamin D by exposing it to ultraviolet light, leading to the almost complete eradication of rickets by the mid-1940s. Also, the college names Prof. O.R. Zeasman as nation's first soil erosion specialist.

1941 – After a farmer brought to campus a bucket of blood and asked scientists why his cows were bleeding to death, biochemist Karl Paul Link discovered a powerful anticoagulant in spoil sweet clover. He goes on to synthesize various forms of dicumarol, a blood-thinning agent that's used to treat blood clots and is the basis for Warfarin, a potent rodent killer. The university earned millions from the patents.

1970 – Biochemist Har Gobind Khorana synthesizes first gene, and later is awarded the Nobel Prize.

ACADEMICS

WINStep Forward Hosts Online Graduate School Info Session

On July 10th, 2016, WINStep Forward hosted its first online graduate school information session. The information session was arranged at the request of 2016 Khorana and Bose Scholars, many of whom will consider applying to graduate schools in the United States after completing their degrees from their current undergraduate institutions in India. The forward looking Scholars were seeking advice on many aspects of the U.S. graduate school application and admissions process, and thanks to the Khorana Bose alumni who currently attend graduate schools in the United States, many of questions the Scholars asked during the two and half hour session were answered. This online event was able to proceed smoothly thanks to time contributed by Khorana Bose alumni, fourteen graduate students in all, who shared valuable information about the application process for graduate school. The names of the graduates that were a part of the session are Aashiq Muhamed from Stanford, Anish Khandelwal from IIT Bombay, Anupallavi Mani from MD Anderson Cancer Center, Chandrachur Bhattacharya from Penn State, Jishnu Das from Cornell University, Khythiraghavi Chandu, Krishna Anapindi from University of Illinois at Urbana-Champaign, Niranjana Natarajan from John Hopkins, Rishav Choudhary from Stanford, Samprit Ghosh from University of Toronto, Shilpa Vijay from University of Southern California, Vikramjit Lahiri from University of Michigan, Smruthi V from University of Texas, and Sruti Devendran. Dr. Aseem Ansari, who was also present during much of the session, offered helpful recommendations and insightful perspective as someone on the receiving end of graduate school admissions applications!

Thanks to the 2016 Scholars, the Khorana Bose Alumni, and Dr. Ansari for making the online session so constructive! A few of the most frequently asked questions from Scholars are mentioned below.

SOP

For the SOP, don't focus on what you have accomplished, but instead how you accomplished them, despite any challenges and how you approached challenges. Also, make your personality and unique skills shine through to show the college why you deserve a spot as a graduate student for them. It would also be beneficial to talk about what you plan to do with your degree and how this particular university would help you achieve that.

GRE

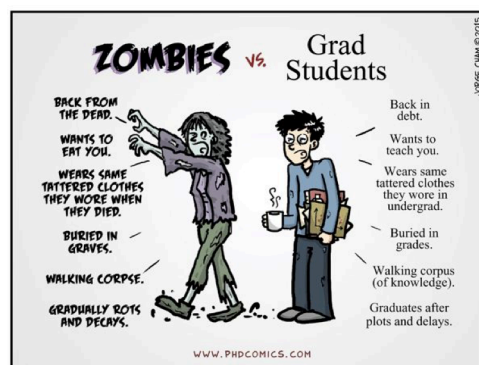
For subject GREs, you should take these if your university requires it or if you are very proficient in your subject. If it is not needed and you are not fully confident that you would get a high score, it might be better to not specialize. While it is very good to be in the 95th percentile for your score on the GRE, it also isn't the end all be all factor in your application. A lower GRE score can be compensated with an excellent SOP and solid letters of recommendation.

Letters of Recommendation These should be from a professional who knows you very well and has directly worked with you. Your mentor from this program would be a good example or someone that you worked with on your thesis. A poor example would be a professor from a class you got a good grade in that you do not know very well because he would most likely write you a generic letter that admissions directors would be able to tell isn't specific to you.

Years of Study

Most universities want a four-year bachelor degree, or a 3-year bachelor degree followed by a completed masters degree. There are sometimes exceptions that are supportive of Khorana Bose Program and make exceptions of this rule, mostly private schools like Yale for example. But other schools like Oklahoma State are very strict with this. There is also a choice to apply for integrated courses, it is suggested to talk to your current mentor about whether you could work with them on this or whether they know of a different professor that you could work.

For a more complete recording of the online graduate school information session, please email Lexi at alexis@winstepforward.org.



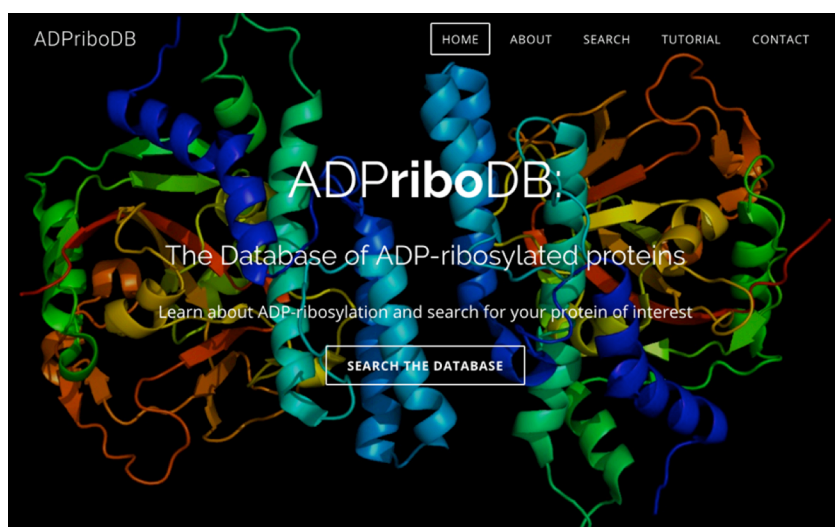
ACADEMICS

2015 Khorana Scholar Research Results Published

As a 2015 Khorana Scholar, Charul Agrawal did her research at John Hopkins University under Professor Anthony Leung, an Assistant Professor in the Department of Biochemistry and Molecular Biology. A few weeks ago, Dr. Leung emailed WINStep Forward that Charul's work on ADP-ribosylation had been published in the journal *Nucleic Acids Research* as a six-page article titled, "ADPriboDB: The database of ADP-ribosylated proteins." ADP-ribosylation is a term that is used to define adding ADP-ribose proteins after translation. The work that Charul's lab did was describe a newly created database of these proteins, explaining the structure of this publication. Following that in this article, they wrote about how they used that to find the sites of modification and had results showing in a high amount of these proteins in non-membranous RNA granules. The article was posted in mid July of 2016. It was great she was able to make a contribution to the scientific community in her short time in the United States!

WINStep Forward is excited that Khorana-Bose Scholars can make such an impact during their three month internship in the United States

If you wish to read the findings of this research project, follow this link: <http://tinyurl.com/ADPriboDB>



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ADPriboDB: The database of ADP-ribosylated proteins

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EVENTS

Khorana Bose California Meet-Up!

Dr. Aseem Ansari and Naveeda Qadir met with 2016 Khorana Bose Scholars and former Khorana Bose Alumni community in the San Francisco area on July 28, 2016. Dr. Ansari, Founder and Director of the Khorana and S.N. Bose Programs, and Naveeda Qadir, Executive Director of WINStep Forward, the managing arm of the Khorana and S.N. Bose Programs, hosted a dinner in Fremont, California for all current and former Scholars and their mentors in the San Francisco area.

The meet and greet session allowed the directors to interact with West Coast Scholars, usually a missed opportunity due to the Foundation's Midwest location. The Scholars took the chance to find out more about each other, as well as to form future connections with one another.

People present at the dinner were current scholars, alum grad students, and one of the scholar's mentors! Specials thank to all who came- Aashika Shekhar, Alap Krishnagar, Amir Faraz, Sarang Nath, Aaron Cantor, Ruchika Bajaj, Aadithya Kannan, and Teena Bajaj.

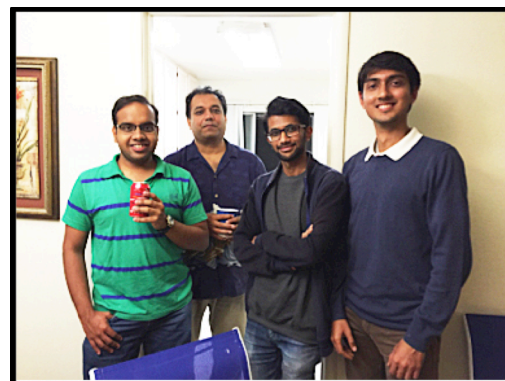
Here are some photos from the event:



Left to Right: Aaron Cantor (Grad Student from UCSF and Mentor to Teena Bajaj), Sarang Nath (2013 Bose Scholar and Grad Student at Stanford) and Aashika Sekhar, (2016 Khorana Scholar)



Left to Right: Teena Bajaj (2016 Khorana Scholar) and Ruchika Bajaj (UCSF grad student)



Left to Right: Aadithya Kannan (2014 Bose Scholar and Grad Student at Stanford) Dr. Aseem Ansari, Amir Faraz (2016 Khorana Scholar), and Alap Kshirsagar (2016 Bose Scholar)



EVENTS



Sci-ROI Chicago Young Investigators Meetings (YIM-C)

About 150 young Indian scientists gathered in the windy city to attend the Young Investigators Meeting - Chicago (YIM-C), Oct. 21-23, 2016, held at both the Consulate of India, Chicago, and the University of Chicago. This was the first YIM to be hosted in the mid-western United States. The conference was organized by Science and Research Opportunities in India (Sci-ROI), a volunteer led program of the non-profit WINStep Forward. The SciROI group is comprised of U.S based research scientists, postdoctoral scholars, and graduate students. The YIM conference will be an annual platform that establishes and reinforces scientific opportunities between India and the U.S., uniting U.S. based scientific talent and other members of the Indian diaspora that help to define the cutting edge of science and technology with Indian industrial and institutional heads, Indian scientific government policy makers and other Indian STEM based talent recruiters.

The Consulate General of India, Chicago, hosted over 100 YIM-C participants in a forum titled 'Indo-US Partnerships' on October 21st, 2016, at the Consulate premises to promote multi-level collaborative initiatives across various disciplines in Academia, Industry and Government between India and the United States. Dr. Ausaf Sayeed, Consul General of India, Chicago, delivered the welcome remarks and urged the young investigators to actively participate in rapidly growing opportunities contributing to the socio-economic development of India and the U.S. He also invited them to wholeheartedly participate in one of the many "invest in India" campaigns launched by Prime Minister Narendra Modi, including "Make in India", "Skills India", "Digital India", and "Green India". He advised the YIM-C participants to engage with the Government of India by using the portal: MyGov.

Many of the high-level speakers provided the audience details about research funding opportunities, extramural funding, grants, and fellowship availability to individuals. These speakers included the following:

Sci-ROI Committee Members



Anshuman Kumar Srivastava
Organizing Committee

Ashwin Mohan

Organizing Committee



Piyush Behari Lal
Organizing Committee

Megha Rajendran

Organizing Committee



Sumitha Nallu
Organizing Committee

Sriram

Organizing Committee



Dr. R. Brakaspathy - Secretary, Science and Engineering Research Board (SERB) Government of India, New Delhi.

Chaturvedi, A. K. - Professor and Deputy Director, Indian Institute of Technology, Kanpur (IIT-K)

Chatterji, Dipankar - Professor, Indian Institute of Science (IISc), Bangalore; Chairman, Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR)

Other speakers shared their views on growing India-America collaborative efforts. The speakers appreciated the importance attached to the India-US collaboration initiatives and the efforts of the Government of India to include the various segments of the scientific community and the industry to accelerate the pace of development in several sectors. These speakers included:

Dr. Mangala Sharma - Program Director, Office of International Science and Engineering, National Science Foundation

Mr. Jonathan Ward - Principal Commercial Officer, United States Department of Commerce, Consulate General of United States in India, Kolkata

Dr. Shekhar Mishra - Deputy Project Manager, Indian Institute and Fermilab Collaboration, Fermi National Accelerator Laboratory

Vinod (Vinny) Gupta - CEO, InNow LLC and Chair, Ohio Board of Regents.

Mr. Sam Pitroda - engineer, inventor, entrepreneur

WINStep Forward would like to thank the following members of the SciROI governing committee on assembling a forum of enthusiastic members and engaged guest speakers sincerely looking forward to advancing science in India as well as building stronger India-U.S. scientific ties.

Also: We Want YOUR Opinion

Please let us know if there is anything that you would enjoy seeing in our new Monthly Newsletters! Our main goal is to showcase our outstanding scholars, keep you all updated with the Khorana Bose Program's progress as well as Winstep, and encourage interaction between alumni.

You can feel free to add any topics that you think would be interesting to hear about or if there are certain things that don't interest you either.

How You Can Contribute!

You can volunteer your time and ideas to some of the programs/initiatives that are being developed. Simply contact info@winstepforward.org and let us know how you would like to contribute or participate. Below are items that might be of interest:

- Encourage talented US students to apply for internships in India
- Host/mentor Indian scholars at your institution (for example, see page 4)
- Engage your institution in the Khorana and Bose Programs
- Build outreach and volunteer base
- Link Indian and US students to other opportunities
- Launch new initiatives
- Social media coordination, website content management, and host events
- Design materials such as flyers, logos, etc.

Other Options:

Become a U.S. or India Regional Volunteer/Coordinator

We are looking for volunteers who would like to help coordinate various programs and initiatives at their institutions and their communities both in the US and India.

Identify Corporate Sponsors/ Donate to a Fund

WINStep Forward operates off a very limited budget. It is due to budget constraints that we could not host our Khorana Bose Orientation event in 2016. If you are aware of a company that might be interested in being a corporate sponsor please contact us! If you are able, please consider donating to a fund! This will help us offer as much as possible in terms of events and activities and resource offering to current scholars as well as alumni. Below are some funds to which you could donate.

Orientation Event Fund

This fund is to help sponsor the annual Orientation we hold for U.S. and Indian Scholars before they begin their internships abroad. The annual Orientation is held in Chicago, Illinois, and your donation, or sponsorship would help to improve services and eliminate logistical challenges to hosting the event.

Scholarship Fund

The donations to this fund would be used to help sponsor U.S. or Indian students who have been selected as finalists for the Khorana/Bose Programs, but due to limited funding, are not accepted into the program. In the past, we have placed a few "honorary" scholars with successful outcomes. With your donation, we would be able to pay for uncovered costs such as Housing/travel/stipend and include these talented students in the program.

Alumni Fund

We are creating Alumni Chapters across the United States and India. We will be offering our Alumni a highly informative Alumni newsletter, which will allow Alumni to connect with other Scholars as well as industrialists, tech innovators, NGOs, government agencies, etc. We will also be providing alumni with recorded science and technology related webinars and inviting Alumni at discounted rates to our annual and semiannual events!

Programs Fund

We offer a wide range of highly effective and life-enhancing programs (eg. Sci-ROI, Rural Development, Fellowship Programs). Your donation to these programs will help ensure their outstanding quality and longevity. A donation will make you a WinStep Forward me

WINStep Team Members



Lexi FRERKS
Program Coordinator



Naveeda QADIR
Executive Director, Winstep Forward



Eric HORN
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Dr. Piyush LAL
Sci-ROI Leadership
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Aseem ANSARI
Founder of Winstep Forward

PROGRAM CONTACT INFORMATION

For more information on the prestigious Khorana and S.N. Bose Scholar Program, please email us at info@winstepforward.org or visit Winstep Forward at: www.winstepforward.org

Meet the 2016 Khorana Scholars

	Aashika Sekar Host: Stanford Mentor: Dr. Pfeffor IIT-Delhi		Aditya Girish Chindhade Host: Mentor: BITS Ilani Goa Campus		Advait Balaji Host: NYU Mt. Sinai Mentor: Dr. Iyengar BITS Goa
	Amir Faraz Host: Lawrence Berkeley Nat'l Labs Mentor: Dr. Mukhopadhyay IIT Roorkee		Amruta Nayak Host: UW-Madison Mentor: Dr. Patankar IISER Pune		Anish Nirav Shah Host: MIT Mentor: Dr. Burge BITS Pilani
	Anuja Nitin Kibe Host: Baylor College of Medicine Mentor: Venkatar IBB, Pune		Anurag Kamalnayan Host: MIT Mentor: Dr. Gore Limdi IISc, Bangalore		Bhargav D Sanketi Host: UW-Madison Mentor: Dr. Audhya RV College of Engineering
	Brindhi Hyacinth Host: UW-Madison Mentor: Dr. Cox TNAU Columbatore		Jaseel Muhammed Keloth Host: MIT Mentor: Dr. Xu IIT Varanasi		Kanika Jain Host: UW Madison Mentor: Dr. Landick Jawaharlal U, Delhi
	Karnika Singh Host: Mentor: IIT-Allahabad		Manaswini Kar Host: Brandeis U Mentor: Dr. Marder NISER Bhubaneshwar		Murlidhar Pandey Host: USC Mentor: Dr. Esmail NIT Warangal
	Rahul Kumar Host: USC Mentor: Dr. Chen IISER Kolkata		Richa Bajaj Host: Harvard Medical Mentor: Dr. Thadhani Guru Ghasidas U		Rishav Mitra Host: U of Washington Mentor: Dr. Kaeberlei Calcutta University

	Sai Sindhu Yarlagadda Host: UW-Madison Mentor: Dr. Raman IIT Madras		Shreyan Jagannath Mohapatra Host: UW-Madison Mentor: Dr. Baker IMS, Wardha		Shubham Chhajed Host: U of George Mentor: Dr. Donovan IISER Pune
	Siva Sai Venigalla Host: UT Southwestern Mentor: Dr. Siegwart IIT Madras		Soumya Singh Host: Purdue Mentor: Dr. Huang Gautam Buddha U Noida		Sridevi Venkatesan Host: Brandeis U Mentor: Dr. Turrigiano IISc Bangalore
	Suriya Selvarajan Host: U of Iowa Mentor: Dr. Matthews IIT Kharagpur		Sushmita Rajkhow Host: Washington State Mentor: Dr. Pappu Assam Agricultural U		Teena Bajaj Host: CA- Berkeley Mentor: Dr. Kuriyan AIIMS, New Delhi
	Uttkarsh Ayyangar Host: Baylor College Mentor: Dr. Young SRM U, Kanchipuram		Vishal Dixit Host: CA- Davis Mentor: Dr. Chaudhari IIT Varanasi		



Meet the 2016 S.N. Bose Scholars

	Prayash Panda Host: U of Maryland Mentor: Dr. Larsson IIT-Kharagpu		Sayantan Dutta Host: U of Texas Austin Mentor: Dr. Truskett IIT-Kharagpur		Ananth Kamath Host: U of Minnesota Mentor: Dr. Lodge IISc Bangalore
	Reshmi Dani Host: U of Rochester Mentor: Dr. Franco IIT Guwahati		Shivaneer Nagarajan Host: UW Madison Mentor: Dr. Akella Anna University		Santhoshini Velusamy Host: CMU Mentor: Dr. Guruswami IIT-Madras
	Aditi Sharma Host: UIUC Mentor: Dr. Jain PDPM IITDM Jabalpur		Poovizhi Rengasamy Host: UW Madison Mentor: Dr. Venkatarmanan PSG College of Tech		Ayan Biswas Host: Purdue Mentor: Dr. Roy IIT Kharagpur
	Soumya Bandyopadhyay Host: Purdue Mentor: Dr. Weibel IIT-Kharagpur		Sumit Kumar Host: CMU Mentor: Dr. Srinivasa IIT-Kanpur		Richa Agrawal Host: Penn State Mentor: Dr. Robinson IIT- Kanpur
	Pradeep Natarajan Host: Northwestern Mentor: Dr. Broadbelt IIT Madras		Soundarya Balasubramani Host: UW Madison Mentor: Dr. Maravelias NIT Trichy		Akash Rai Host: UIUC Mentor: Dr. Braun IIT BHU
	Sattwik Mishra Host: Purdue Mentor: Dr. Bermel IIT-Bombay		Yashovardhan Sharma Host: UIUC Mentor: Dr. Prabhakaran IIT Delhi		Ishan Banerjee Host: U of Chicago Mentor: Dr. May IISc Bangalore
	Alap Ravindra Host: CA Berkeley Mentor: Dr. Tomizuka IIT Madras		Deepak Tyagi Host: CO School Mines Mentor: Dr. Prasad Indian School Mines		Melvin Thomas Host: Juniata College Mentor: Dr. Unger IIT-Kharagpur

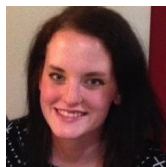
	Somesh Mohapatra Host: Harvard Medical Mentor: Dr. Kulkarni IIT Madras		Ashwini Gupta Host: CMU Mentor: Dr. Vishwanathan IIT Kharagur		Apurva D Patil Host: Texas A&M U Mentor: Dr. Ryu College of Engineering Pune
	Ashwin Venkatraman Host: U of Florida Mentor: Dr. Bretas IIT Jodhpur		Satyaki Chakraborty Host: CMU Mentor: Dr. Scherer Jadavpur University		Unnati Akhouri Host: Princeton Mentor: Dr McDonald University of Delhi
	Venkata Satya Host: Oklahoma State Mentor: Dr. Jaisawal U of Hyderabad		Soumya Gupta Host: Pennsylvania Mentor: Dr. Bryan NIT Rourkela		Yashvi Singh Host: Purdue Mentor: Dr. Carlson NIT Trichy
	Prithviraj Dhar Host: U of Maryland Mentor: Dr. Chellappa IEM Kolkata		Raktim Sen Host: USC Mentor: Dr. Prakash IIT Delhi		Sudharshan Suresh Host: CMU Mentor: Dr. Whittaker NIT Trichy
	Sibendu Paul Host: Washington Mentor: Dr. Roy Jadavpur University		Yash Dixit Host: Columbia U Mentors: Dr. Goyal IIT-Madras		Blessy Suresh Host: U of Chicago Mentor: Dr. Piccinili NISER Bhubaneswar
	Raghul Manosh Host: Purdue Mentor: Dr. Anderson IIT Madras		Raman Umamaheswaran Host: Colorado Mentor: Dr. Chin Delhi University		Amit Singh Host: Mentor: IISER Bhopal
	Payel Mukhopadhyay Host: Penn State Mentor: Dr. Murase IISER Kolkata		Arjav Thakkar Host: Rutgers U Mentor: Dr. Drazer IIT Bombay		Pallav Goyal Host: UW Madison Mentor: Dr. Sam IIT Kanpur

Meet the 2016 US Bose Scholars



Michaela Pfeiffer-Mundt

Host: ICMR
Mentor: Dr. Ganguly
UW Madison



Abigail Smith

Host: PHFI
Mentor: Dr. Neogi
UW Madison



Jacob Poepping

Host: PHFI
Mentor: Dr. Bhattacharya
UW Madison



Kayla Huemer

Host: IISc Bangalore
Mentor: Dr. Ananthasuresh
UW Madison



Shilpa Kalluru

Host: Medanta
Mentor: Dr. Sengupta
UW Madison



Athavi Jeevananthan

Host: Medanta
Mentor: Dr. Ahsan
UW Madison



Natalie Galles

Host: NCCS Pune
Mentor: Dr. Majumdar
UW Madison



Youhi Ghouse

Host: Medanta
Mentor: Dr. Conway
UW Madison



Aref Senno

Host: Delek Hospital
Mentor: Dr. Tenzin

