

AGENDA

Workshop on Science Administration and Management (SAM) for Women IndiaBioscience, National Centre for Biological Science (NCBS), Bangalore

Orientation Session: 26 November, 2018

Venue: Dasher, NCBS, Bangalore

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| 10:00 – 10:30 AM | Welcome address by
Satyajit Mayor , Director, NCBS, Bangalore
LS Shashidhara , Professor, IISER Pune
Jaya Goyal , Head Higher Education, British Council, New Delhi |
| 10:30 – 11:15 AM | Keynote address: Women of Science - Challenges and Opportunities by
Shahid Jameel , CEO, Wellcome Trust/DBT India Alliance, |
| 11:15 – 11:45 AM | <i>Tea / Coffee</i> |
| Panel Discussion-1 | <i>Synergy among Academia, Admin & Grants for working in science: roles and challenges (Moderated by Savita Ayyar)</i> |
| 11:45 – 01:00 PM | Savita Ayyar , Jaquaranda Tree, Bangalore
Suman Govil , Retired as Senior Advisor, DBT, New Delhi
Vandana Gambhir , IISER Pune
Vineetha Raghavan , RDO, NCBS, Bangalore |
| 1:00 – 2:15 PM | <i>Lunch</i> |
| Panel Discussion-2 | <i>Managing Big Interdisciplinary Programs, Entrepreneurship and Innovation: roles and challenges (Moderated by Lakshmi Ganesan)</i> |
| 2:15 – 3:30 PM | S Ramaswamy , InStem, Bangalore
Sudha Rao , Genotypic Technology Pvt Ltd., Bangalore
Jagadish Mittur , KBITS, Government of Karnataka, Bangalore
Fathima Benazir , Azooka Life Sciences, Bangalore |
| 3:30 – 4.00 PM | <i>Tea / Coffee</i> |
| 04.00 – 4:45 PM | Why do we need Women in SAM? talk by Elena Gaura , Coventry University, UK |
| 4:45 – 5:00 PM | Closing remarks by Smita Jain , IndiaBioscience, Bangalore |

Careers in Science Administration and Management | Nov 26, 2018

Dasheri, NCBS, Bangalore

Opening Session

Opening remarks by LS Shashidhara, IISER, Pune

9:30 – 10:30 AM

Keynote Address | Women of Science - Challenges and Opportunities | 10:30 – 11:15 AM

Shahid Jameel, India Alliance, New Delhi



Dr. Jameel is one of India's leading scientists, who has been active in science policy and administration for over two decades. He is an elected Fellow of all science academies of India. He headed the Virology group at the International Centre for Genetic Engineering and Biotechnology (ICGEB), New Delhi for 25 years. His research has been recognized with various awards, which include the BM Birla Science Prize in Biology and the Shanti Swarup Bhatnagar Award in Medical Sciences, the latter being India's highest mid-career award for scientific research.

Dr. Jameel was appointed Chief Executive Officer of the Wellcome Trust/DBT India Alliance, a partnership between The Wellcome Trust, a London (UK) based charity and the Department of Biotechnology, Government of India, whose mission is to reverse the "brain drain" in biomedical sciences and create a culture of excellence and transparency in research funding. As CEO of the Wellcome Trust/DBT India Alliance, Dr. Jameel manages a corpus of £160 Million (about Rs. 1300 crores), and ever increasing numbers of highly accomplished Fellows, which currently number over 300. Under his leadership the Wellcome Trust/DBT India Alliance has scaled new heights for its administrative processes and the excellence of its supported research.

Tea / Coffee

11:15 – 11:45 AM

Panel Discussion-1 | Synergy among Academia, Admin & Grants for working in science: roles and challenges | 11:45 – 01:00 PM | Moderated by Savita Ayyar

Savita Ayyar, Jaquaranda Tree, Bangalore



Dr. Ayyar is the Founder of Jaquaranda Tree, an independent consultancy service. She has significant experience in scientific administration and in facilitating research funding, on behalf of funders and institutions. Following from her doctoral and post-doctoral work at the University of Cambridge, UK, Dr Ayyar turned to a career in research management, serving first as a Grants Adviser at the Wellcome Trust in London, UK (2007-2010) and then as the Head of Research Development (2010-2017) at NCBS, Bangalore. At NCBS, she worked to create and nurture a Research Development Office (RDO) for the Bangalore Life Science Cluster, with operations spanning grant management, international partnerships, philanthropic fundraising and research communications. Dr Ayyar is currently working on behalf of the Wellcome Trust/DBT India Alliance to develop IRMI, the India Research Management Initiative (bit.ly/DBT-IRMI). Her recent blog on research management as a career can be accessed at <https://go.nature.com/2OTi8Jw>.

Suman Govil, Retired as Senior Advisor, DBT, New Delhi



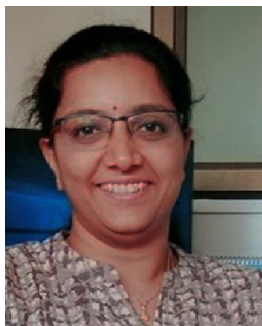
With a Bachelors and Masters in Botany and a Doctorate in Plant Biotechnology from Delhi University, Dr. Govil made a transition to academic administration by joining the Department of Biotechnology, Govt of India. She was instrumental in formulating an integrated human resource development program in biotechnology. This comprised post-graduate teaching programs, the star college scheme, various fellowships for doctoral and postdoctoral researchers, several industrial training programs, and many faculty training programs. She is currently authoring a book and blog on the current opportunities and concerns in the field of biotechnology.

Vandana Gambhir, IISER Pune



Dr. Gambhir heads the Grants office & Intellectual Property Rights (IPR) Cell at IISER Pune. She has a PhD in the biological sciences and did her postdoctoral work from Queen's University, Kingston, Canada. Dr. Gambhir found her calling in science administration, and embarked the role of a Grants Adviser at Wellcome Trust DBT, India Alliance. She then obtained a postgraduate diploma in patent law from NALSAR Law University and joined IISER Pune as its first Grants & IPR Manager. She also actively organises Intellectual property courses for students of IISER Pune.

Vineetha Raghavan, Research Developmental Office (RDO), NCBS, Bangalore



Dr. Raghavan did her postdoctoral work at Yale University, New Haven, CT and Memorial Sloan Kettering Cancer Centre (MSKCC), New York, USA. Strongly founded in research, she chose rather to embark a career in science management and is presently the Grants Manager at the Research and Development Office (RDO) at NCBS. She serves in an administrative and advisory capacity to researchers at all stages of career in the Bangalore Basic Life Science cluster (BLiSc). She also liaises with funding agencies and PIs, advises on developing grant bids with budgets of varying complexities, and helps resolve administrative issues associated with grants.

Lunch

1:00 – 2:15 PM

Panel Discussion-2 | Managing Big Interdisciplinary Programs, Entrepreneurship and Innovation: Roles and Challenges | 2:15 – 3:30 PM | Moderated by Lakshmi Ganesan

S Ramaswamy, InStem, Bangalore



Prof. S Ramaswamy has a PhD in Molecular Biophysics from the Indian Institute of Science (IISc). He joined the University of Iowa, Carver College of Medicine as an Associate Professor. While at Iowa, he additionally took on research administrative roles of being Asst. Dean for Research and the Director of Core Research Facilities. He joined the Institute for Stem Cell Biology and Regenerative Medicine (InStem), Bangalore as a Senior Professor and its Dean. He also served until 2016 as the CEO of the Center for Cellular and Molecular Platforms (cCAMP), Bangalore. Currently, he has renounced his science administration responsibilities to focus on his “Sweet Lab” as he calls it, which performs structure-function studies on sugar transport, catabolism and its modification in prokaryotes and eukaryotes.



Sudha Rao, *Genotypic Technology Pvt Ltd., Bangalore*

Dr. Rao co-founded India's pioneering genomics company, Genotypic Technology Pvt Ltd. She earned her PhD in Biotechnology from Madurai Kamaraj University, followed by post-doctoral studies at Cornell Medical School, New York, where she founded Genotypic USA LLC. Upon returning to India, she set up Genotypic initially as a home office, which was subsequently incubated at IISc. From here, Genotypic grew to be the first company to be certified for its Genomics services by global companies like Agilent, Illumina and Thermo Fisher. She had her second stint at Entrepreneurship with Dhiti Omics Technologies Pvt Ltd, which provides molecular diagnostic services, leveraging some of the most experienced researchers and experts in the field of genomics, healthcare and technology.



Jagadish Mittur, *KBITS, Government of Karnataka, Bangalore*

Dr. Mittur leads the Biotechnology Facilitation Cell (BFC) in KITS (Karnataka Innovation and Technology Society), Department of Information Technology (IT), Biotechnology (BT) and Science & Technology (S&T), Government of Karnataka. Following his PhD in Microbial Genetics from Dublin, Ireland, he has over 16 years of experience each in academia and industry from 7 cities across 5 countries (India, Ireland, USA, Germany & Australia). Through these, he has interacted across various cultures, R&D and Industry segments. Leading the Biotechnology Facilitation Cell at KITS, he was responsible for contributing towards devising objectives for policy documents, creation of R&D and start-up bioclusters for biotech innovation and acceleration, mentoring startups, enabling collaboration across borders via networking, and strengthening the required human resource in the state of Karnataka and beyond.



Fathima Benazir, *Azooka Life Sciences, Bangalore*

Dr. Benazir is the CEO of Azooka Life Sciences, a start-up that specializes in novel and safe nucleic acid stains and speciality fluorescent dyes for genomics research and molecular diagnostics. She is a gold medalist with a PhD in Environmental Engineering and Technology from Manonmaniam Sundaranar University, Tamil Nadu. She also has postdoctoral experience in developing safe nucleic acid binding dyes from the IISc, Bangalore.

Tea / Coffee

3:30 – 4.00 PM

Session 3 | Why do we need Women in SAM? | 4:00 - 4:45 PM



Elena Gaura, *Coventry University, UK*

Prof. Elena Gaura is currently Associate Dean (Research) (ADR) at the Faculty of Engineering, Environment and Computing, Coventry University. In her role, she develops and implements the research strategy for 4 research centers and 3 schools within the faculty. She works with over 300 researchers and 200 PhD students. Prof. Gaura's work aims to enable, support and nurture the continuous development of a rich faculty-wide science research culture - with focus on the faculty's 75 early career researchers (ECR).

Closing Remarks

Smita Jain, *IndiaBioscience, Bangalore*

4:45 – 5:00 PM