EGA Corporate Members

Inclusive by Design: Applying Inclusive Design Methods to Engineering

Prof Jutta Treviranus

Prof Sambhavi Chandrashekar

Mr Damien Owens

Prof Lizbeth Goodman

Thursday, 11th March 2021 at 6.00pm

Via Zoom Webinar - Register Online Today

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Biographies

Professor Jutta Treviranus

Director of the Inclusive Design Research Centre and Full Professor at the Ontario College of Art & Design University

Jutta Treviranus is the Director of the Inclusive Design Research Centre (IDRC) and professor in the faculty of Design at OCAD University in Toronto (http://idrc.ocadu.ca). Jutta established the IDRC in 1993 as the nexus of a growing global community that proactively works to ensure that our digitally transformed and globally connected society is designed inclusively. She also heads the Inclusive Design Institute, a multi-university regional centre of expertise (https://inclusivedesign.ca). Jutta founded an innovative graduate program in inclusive design at OCAD University. She leads international multi-partner research networks that have created broadly implemented innovations that support digital equity. She has played a leading role in developing accessibility legislation, standards and specifications internationally (including W3C WAI ATAG, IMS AccessForAll, ISO 24751, and AODA Information and Communication,). She serves on many advisory bodies globally to provide expertise in inclusive infrastructure (e.g., Waterfront Toronto, London Olympics, NYC Libraries, World Economic Forum, etc.). Jutta's work has been attributed as the impetus for corporate adoption of more inclusive practices in large enterprise companies such as Microsoft and Adobe.

Prof Sambhavi (Sam) Chandrashekar

Inclusive Design Lead, D2L and Brightspace, Canada; Adjunct Professor, OCAD University and York University, Toronto; former faculty member in Inclusive Design at OCAD University and University of Toronto.

Dr. Sambhavi "Sam" Chandrashekar has been working with Dr. Jutta Treviranus since 2005 on several projects at the Inclusive Design Research Centre, Toronto. In 2017, she joined D2L Corporation as their Accessibility & Inclusive Design Lead, taking responsibility for the accessibility of their product Brightspace, a Learning Management System. An award-winning inclusive educator herself, Sam is passionate about making education accessible to all learners through accessible technology and inclusive pedagogy. Since 2012, Sam has been an Adjunct Professor with OCAD University in their Master of Design program in Inclusive Design. She taught four cohorts in the program and supervised over 50 Inclusive Design student research projects on diverse topics. Sam is also an Adjunct Professor (Critical Disability Studies) with York University, Toronto, supervising a PhD student. She taught a master's course on Accessibility & Inclusive Design at the iSchool, University of Toronto in Fall 2020. Sam holds a PhD in Information Systems from the iSchool, University of Toronto, and an M.Sc. in Human-Computer Interaction from University College London, UK. She also did a 2-year post-doc with the University of Toronto funded by the Mitacs Elevate program. Sam is a member of the Ontario government's Post-Secondary Education Standards Development Committee under the Accessibility for Ontarians with Disabilities Act, and a member of the Curriculum Development and Recommendation Committee of the International Association of Accessibility Professionals (IAAP). She is also a member of the Advisory Council of the Canadian Accessibility Network.

Mr Damien Owens, BA BAI MAI MBA CEng FIEI

Damien Owens, is a Fellow and Chartered Engineer, is Registrar for Engineers Ireland. His role involves ensuring the academic standard of engineering qualifications and adherence of membership criteria to best international standards.

Damien represents Engineers Ireland on international matters and is the current president of the European Network for Engineering Education (ENAEE) and Chairman of the International Engineering Alliance. These organisations set standards for engineering education and mobility for the engineering profession. Damien previously worked in the telecommunications and IT sector. Damien graduated from Trinity College Dublin with Bachelor and Master degrees in engineering and an MBA from the Open University.

Prof Lizbeth Goodman - Moderator

Full Professor, UCD SMME, College of Engineering & Architecture

Prof Lizbeth Goodman is Chair of Creative Technology Innovation and Full Professor of Inclusive Design for Education at University College Dublin, where she directs the Inclusive Design Research Centre of Ireland at UCD, in partnership with SMARTlab clg and the Academy4theFuture. She is Chair of EDI for SMME and is an Athena Swan programme representative for Engineering & Architecture. Lizbeth founded the SMARTlab in its first iteration in 1992 and has developed the award-winning practice-based PhD Programme through the institute, along with the associated MAGIC Multimedia and Games Innovation Centre and Gamelab, which Lizbeth designed with industry collaborators as a prime knowledge transfer space in the London docklands prior to moving the lab to Dublin in 2010-11. Lizbeth and her teams specialise in developing ground-up technology solutions with and for people of all levels of cognitive and physical ability. in all her work, she applies an inclusive design method to practice-based innovation to transform lives through providing unlimited access to education and tools for creative expression.

Prior to joining UCD, Lizbeth was Director of Research for Futurelab Education, working with David Puttnam and the team to establish innovative platforms for the future of education in a context of global change. In 2018 she launched the Academy4theFuture at Davos, and in 2019 she and the team returned to Davos to present the SMARTlab WEF Women awards, delivered to the UNDP summit in October 2020. In 2019 she was named Woman of the Decade by WEF Women. In 2008 she was named Best Woman in Academia and the Public Sphere; and Best Woman in Technology by the Blackberry Rim international awards panel. She was nominated to Chair the Royal Irish Academy's Social Sciences Committee in 2012. She is the author/editor of 14 books and many peer- reviewed papers, has supervised 55 PhDs to successful completion, and is a prolific broadcast presenter on TV, Radio and Online. She is PI and co-PI of several major funded research projects, and an evaluator and judge of numerous research council and EC evaluation panels. She is known as an expert in Digital Inclusion, including learning models for communities at risk. She is an award-winning advocate of community-based ethical learning and teaching models using interactive tools and games to inspire and engage learners of all ages. She specialises in working with people who do not have physical voices (whether due to disability, injury, illiteracy, or other social/political factors), enabling the use of new creative technologies for expression vocally, in writing, and with movement and music.

EGA Alumni Membership

When you graduated from UCD Engineering, you immediately became a part of a special Engineering Alumni group, the UCD Engineering Graduates Association. You have a lifelong link to UCD Engineering and can avail of all the advantages and opportunities that this brings, including regular events and reunions on campus.

For an annual fee of just €30.00 you can support the EGA's activities and enjoy a range of benefits. Visit alumni.ucd.ie/librarycard for more information on the benefits associated with membership which include:

- **Reader's Card:** Access to all of UCD's Libraries while on Campus
- **UCD Sport Centre:** An Alumni rate with UCD Sport & Fitness which houses the new 50m Olympic-size swimming pool, tepidarium and state-of-the-art gymnasium.
- **UCD Affinity MasterCard:** This is designed exclusively for Alumni, Donors and Friends & Staff of UCD.
- **UCD Connections:** You will receive a copy of the annual Alumni magazine which has served as a popular communication vehicle between the University and it's Alumni.
- **Adult Education Courses:** Discount on courses run by the Adult Education Centre – Auditing a Course; Access Courses; Outreach Courses.

UCD Student Support Fund Information

Faculty and staff within the College of Engineering & Architecture are deeply committed to ensuring equality of access and opportunity for our students. As such, a College-level Support Fund has been developed to make it easy for alumni and friends of UCD to support our students.

This Fund seeks to enhance the educational experience of UCD students and to ensure greater equality of access to opportunities. Funding will be allocated towards needs-based financial support, bursaries for experiential learning (e.g. internships or volunteer positions), funding for equipment or adapting the learning environment, merit-based awards for postgraduate study, and other activities that enhance the student experience.

With all of the challenges faced globally and locally, your support will help to ensure that the best students fulfil their potential, making a brighter future more likely for all. For further information, or to make a donation to the College-level Support Fund please click here.

Alternatively please contact Jordan Campbell to discuss donations to the Support Fund:

Jordan Campbell, Head of Campaigns
Email: jordan.campbell@ucdfoundation.ie | Telephone: 353-1-716-1272

Jordan Campbell is responsible for the development of effective, long-term philanthropic relationships in support of UCD strategic aims.