WORLDPRIZES

CONFERENCE | 2024

JANUARY 21, 2024 | PORTUGAL

WE WORK TO CHANGE THE WORLD

Worldprizes is an innovation ecosystem, that aims to make the world a better place.

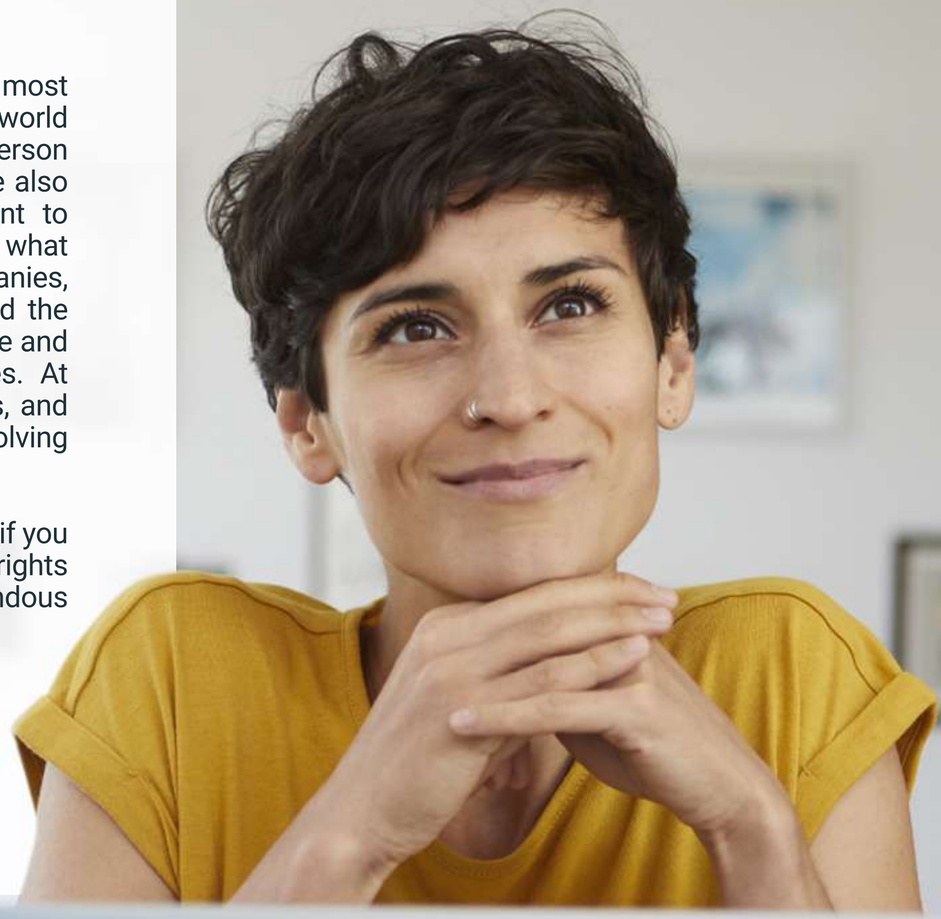
WHO WE ARE

We believe in the power of competition and we believe in humanity. We firmly believe that the large majority of people are good in nature and wish a better future for themselves, their families, and everyone else. Society sometimes curves peoples behaviours, who in face of group behaviours tend to follow the norm. We firmly believe that if you incentivise people to do good, great things happen. That's why we brought to you World Prizes.

We also believe that humanity needs a company that helps identify the major problems and its priority, clearly identifying and focusing humanities resources on the right direction. We aim to focus humanity on solving the world's most pressing issues. We believe that money, the right combination of people and expertise, and the right timing, permits finding solutions for the worlds most difficult problems. We also believe that challenges must be achievable and measurable within reasonable time-frames. This is one of our priorities, to follow technology and to identify and select challenges which are solvable in a reasonable time-frame. We believe that one should "measure what you can be measured, and make measurable everything else".

We also firmly believe that solutions for the world's most difficult problems can come from anywhere in the world and from anyone in the world. We believe that each person has tremendous potential to solve problems, but we also believe that everyone needs the right environment to nurture its creativity and devotion. This is also what WorldPrizes provides, together with it's parter companies, organisations and governments, to everyone around the globe. The greatest minds of our time are everywhere and are ready to be engaged in audacious challenges. At worldprizes we are constantly seeking for solutions, and we work to create the right ecosystem capable of solving the world's most difficult problems.

At Worldprizes we believe that everything is possible if you have the right mindset, the right ecosystem, the rights connections, the rights timing, and a tremendous persistence and dedication...



ENVISION HUMANITY

GATHERING THE GREATEST MINDS

Each year, envision masters gathers leading philanthropists, CEOs, government officials, thought-leaders, journalists, scientists, innovators, and storytellers to tackle the world's Grand Challenges. Together with our sponsors, we nurture passionate social entrepreneurs who believe our model of incentive competition could lead to breakthroughs that propel us forward. Our members are a group of brave geniuses who support our mission.

Envision Humanity members are the largest contributors to envision the future. Fuelling the capacity to solve problems helping create and nurture companies and prize competitions for enhance educational outreach. Envision Humanity members input is vital to our long-term focus and success. Our Envision Humanity members are our Innovation advisors. A group of actively engaged people focused on strategic topics such as defining our areas of focus. The Envision Humanity group also works closely with our company Board to identify strategic partners and opportunities. Envision Humanity members are also a group of investors who provide the seed capital used to design, fund and launch companies and competitions as well as support the ongoing mission. Becoming a member allows you to also participate with your ideas, passion and connections.

Envision Humanity members underwrite the design and planning of

future companies and competitions. With our supporters, we help define the next companies or prizes that can best solve the technological, market, behavioural, and policy failures that are preventing breakthroughs in a certain area. We identify the competition structure that will attract global teams. We define the marketing and educational extensions that will bring about the greatest awareness and engagement from the general public. Lastly, we develop the metrics for assessing the impact of a company or prize so that we can measure how the company or prize has created or catalysed new industries aimed to solve a specific problem.

Envision Humanity members support active companies and prize competitions. The funds are used to launch, operate and award the prizes and companies. The prize is only awarded once a team, or company, achieves a measurable, objective goal.

WE WILL ASK THE BIG QUESTIONS

What are the biggest problems we face that are not being solved? Why aren't business, philanthropy or government getting the job done? Who is out there who could solve this problem, but isn't being asked? These are the questions we ask at Envision Humanity group as we convene the world's foremost thinkers to help us design the next great worldprizes.

WORLDWIDE MAP

EUROPE

FRANCE • GERMANY
ENGLAND • ITALY
PORTUGAL • SPAIN • GREECE

ASIA

INDIA • CHINA • RUSSIA

NORTH AMERICA

USA • CANADA

SOUTH AMERICA

BRAZIL • MEXICO
ARGENTINA

AFRICA

ANGOLA
MARROCOS

OCEANIA

AUSTRALIA
NEW ZEALAND

PROGRAM OVERVIEW

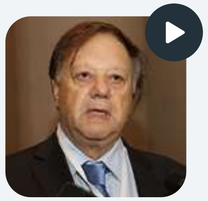
MORNING (EST TIME)

09:00 - REGISTRATION

09:30AM - TALK

SUZANNE HOLT BALLARD, PH.D.

Behavioral scientist, and an innovation psychologist, specializing in the design.



10:00AM - TALK

GIORGIO GAVIRAGHI

Founder and CEO of EDL

10:30AM - TALK

ANDRÉ CAMINOA

Architect, researcher, and a university professor living in Buenos Aires, Argentina.

11:00AM - TALK

STUART MAUDSLEY, PH.D.

Head of the Receptor Biology Lab at the University of university of Antwerp.

11:30AM - TALK

STEVEN GARAN, PH.D.

Director of Bioinformatics at CREA and serves on it's Advisory Board.

12:00PM - DEBATE PANEL





SUZANNE HOLT BALLARD, PH.D. | GIORGIO GAVIRAGHI
ANDRÉ CAMINOA | STUART MAUDSLEY, PH.D.
STEVEN GARAN, PH.D.

01:00PM - LUNCH TIME

PROGRAM OVERVIEW

AFTERNOON (EST TIME)

02:00PM - TALK

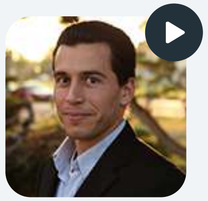
BORIS CARÍKËO AGUILERA, PH.D.

Engineer, technopreneur, economist, academic, and futurist.

02:30PM - TALK

LUCIANA DADALTO, PH.D.

Centro Universitário Newton Paiva, School of Law Belo Horizonte-MG, Brazil.



03:00PM - TALK

NUNO MARTINS, PH.D.

Polymath, researcher, entrepreneur, and a healthy life extension advocate.

03:30PM - TALK

DAN LEVITT, MSC.

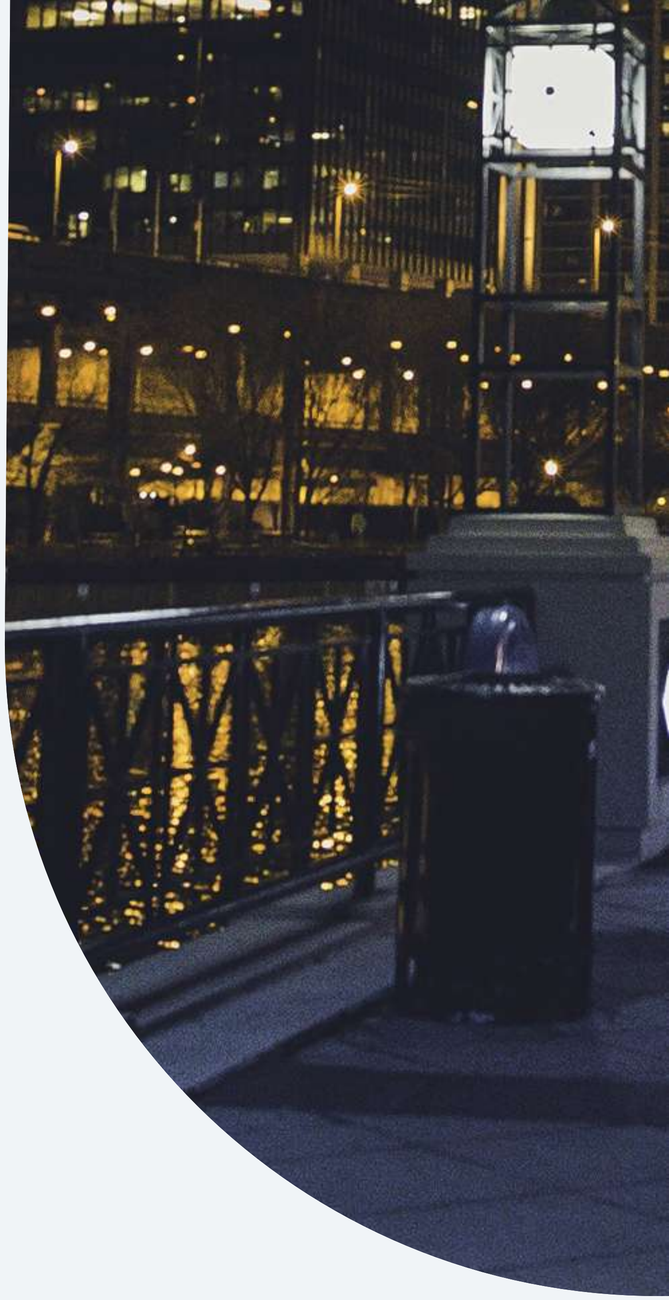
Acclaimed international speaker, elder care leader, writer, and gerontologist.

04:00PM - DEBATE PANEL

BORIS CARÍKËO AGUILERA, PH.D. | LUCIANA DADALTO, PH.D.
NUNO MARTINS, PH.D. | DAN LEVITT, MSC.

05:00PM - CLOSING REMARKS

05:30PM - END OF CONFERENCE



SPEAKERS

SUZANNE HOLT BALLARD, PH.D.

BEHAVIORAL SCIENTIST, AND AN INNOVATION PSYCHOLOGIST, SPECIALIZING IN THE DESIGN

Suzanne is a behavioral scientist, and an innovation psychologist, specializing in the design, creation and evaluation of policy, programs, courses, interventions, departments, platforms and labs. She is the Professor of Culture, Epistemology and Medicine at Ohio University in the US, and co-founder of Future Cities Lab and Rise.Health Solutions. She designed the international project, PULSE (Participatory Urban Living for Sustainable Environments), funded by the European Commission, and undertaken in the EU, US and SE Asia.

Suzanne has domain expertise in urbanism, sustainability, community, resilience and design. She specializes in the nexus between media, technology, and the built environment. Suzanne is recognized by the American Psychological Association (APA) as one of America's leading social scientists in the field of design and cities.

Suzanne has an extensive background in scholarship, consultancy and policy development regarding issues that impact cities. The goal of all her professional endeavors is to work toward future-proofing the city on all levels: individual; social; cultural; economic; and environmental.

“Suzanne has an extensive background in scholarship, consultancy and policy development regarding issues that impact cities.”

ANDRÉ CAMINOA

ARCHITECT, RESEARCHER, AND A UNIVERSITY PROFESSOR LIVING IN BUENOS AIRES, ARGENTINA.

André Caminoa is an architect, researcher, and a university professor living in Buenos Aires, Argentina. Initially graduated in architecture (UBA, 2002), he has been working in the architectural and construction industry for more than 25 years, providing to his client's design management and engineering, procurement, construction and consulting services, with a solid knowledge of project management and quality standards.

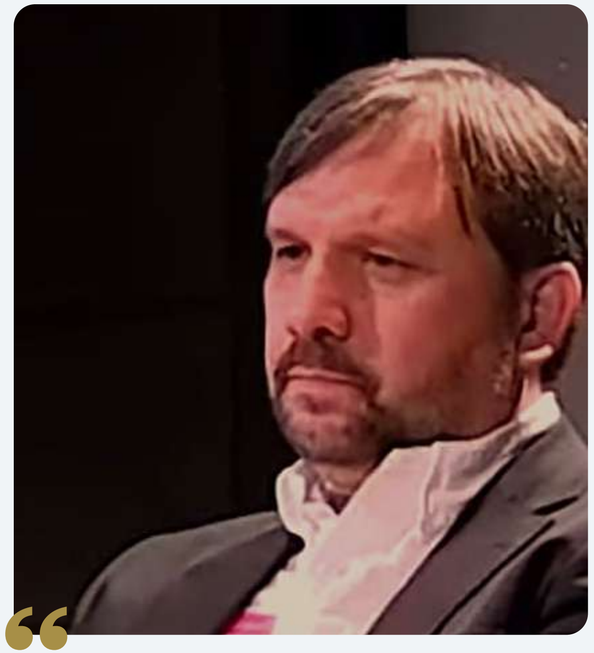
Since 2018, he is teaching as an assistant professor in Architectural Design at FADU UBA. In 2019 he has earned in a university teaching contest the position of adjunct professor in Science, Technology and Society Studies at UNAB. Since 2016 to 2019, he has worked in UNAB as an Infrastructure Project Director.

In 2014, in parallel with the beginning of his thesis for a Master Program in Advanced Architectural Design at UBA, he has co-founded a high tech-high risk project named "Printed Architecture", an envisioned start-up focused on research and development of design methods and models, and applied technology geared to the utilization of 3D Printing technology in architecture for habitat fabrication.

At the end of 2019, he finished writing the manuscript of his thesis and he is awaiting the opportunity to defend next year his master's dissertation that is focused on the application of 3D Printing technology in architecture.

In 2013, as a product of his extensive research in experimental architecture and sustainability, joined with international associates he has co-founded the UNISPACE Project, an advanced research group geared to space architecture and its potential applications on Earth or off world locations. He has been a competitor in several contests and competitions and, he has authored and co-authored several papers. As a creative and strategic thinker, he has explored the synergy between arts, science and technology and since 2011, he is an occasional contributor of the Lifeboat Foundation.

> He has been working in the architectural and construction industry for more than 25 years



STEVEN GARAN PH.D.

DIRECTOR OF BIOINFORMATICS AT CREA AND SERVES ON IT'S ADVISORY BOARD

Steven A. Garan is the Director of Bioinformatics at CREA and serves on it's Advisory Board, he is also a researcher at the Lawrence Berkeley National Laboratory.

Steven A. Garan is the Director of Bioinformatics at CREA and serves on it's Advisory Board, he is also a researcher at the Lawrence Berkeley National Laboratory. While at the University of California, Berkeley, he played a major role in the invention and the development of the Automated Imaging Microscope System (AIMS). While at UC Berkeley, Garan collaborated for many years with a group from Paola S. Timiras's lab, on the role that caloric restriction plays in maintaining estrogen receptor-alpha and IGH-1 receptor immunoreactivity in various nuclei of the mouse hypothalamus. Garan was also the director of the Aging Research Centre, and is a leading scientist in the field of aging research. His numerous publications, include articles on systems biology, the effects of caloric restriction on the mouse hypothalamus and on the Automated Imaging Microscope System (AIMS). He is best known for the coining of word "Phenomics", which was defined in an abstract titled: "Phenomics: a new direction for the study of neuroendocrine aging", that was published in the journal Experimental Gerontology.

Steven A. Garan, was the lead scientists that developed the AIMS system along with Warren Freitag, Jason Neudorf and members of the UC Berkeley lab where AIMS was developed and utilized. Many journals articles have been published about the system and the results that it produced. Since the completion of the first version in 1998, newer versions were developed, with the final version being completed in 2007. Empowering investigators to accurately count specific cell populations is essential to all fields of neurobiology. While computer assisted counting technology has been in use for over a decade, advances in an Automated Imaging Microscope System (AIMS), now insure 97% accuracy when comparing computer counts to human counts for both nuclear and cytoplasmic stained tissue. More importantly, regional analysis can now be customized so that only cell populations within specified anatomic regions will be targeted for counting, thus reducing the background noise of non-immunoreactive cells when characterizing specific cell populations. This application was recently used to successfully map the density and distribution of both nuclear expressed estrogen receptor-alpha and cytoplasmicly expressed IGF-1 receptor in specific hypothalamic nuclei. Furthermore, AIMS can now detect intra-hypothalamic differences in receptor expression and measure phenomenon such as lateralization.

BORIS CARÍKËO AGUILERA, PH.D.

ENGINEER, TECHNOPRENEUR, ECONOMIST, ACADEMIC, AND FUTURIST.

> After graduating, Carikeo was responsible for the delivery of technologies in entreprenuer program in Morocco (North of África)

Boris Carikeo Aguilera is an electronic engineer, technopreneur, economist, academic, and futurist, who has worked on different areas including tecnology policy, sustainable development, Latin America, sistems of innovation & entrepreneurship, public policy, health technologies, higher education, information technologies and Future Studies.

Carikeo was born in Tomé, Chile, from Mapuche estirpe, people from South America whose nation “The Wallmapu” existed in part of what is today Argentina and Chile.

Carikeo obtained his Engineer degree and Master of Science (MII) degrees in Industrial Engineering at the University of Concepcion (UDEC), Concepción, Chile. Obtained a Masters of Business Administration (MBA) at Bio Bio University. He subsequently studied his Master in Applied Economics at Georgetown University in Washington, USA, and at the International University of Andalucia, Spain, a specialization in Political science in iberoamerica. He started his doctoral degree in Policy and Management of Higher Educación at Untref Public University, Buernos Aires Argentina.

After graduating, Carikeo was responsible for the delivery of technologies in entreprenuer program in Morocco (North of África), Instructional designer at World Bank project working for in five countries (Peru, Chile, Bolivia, Ecuador, Venezuela) from Andes región, and Tutor of courses and e-government projects through OAS – Sedi. (across all Latin America and caribien). As a consultant for higher educational institutions, he worked in knowledge management, future studies, Elearning, quality management, institutional design in Argentina, Peru, Brazil, Ecuador and El Salvador. He currently works for several universities as an academic and consultant.

Carikeo entered into the area of health in 2000, through information technologies, and in particular in hardware technology and in 2010 with information analysis using data mining and artificial intelligence to discover patterns of medical diagnosis, deductive models and drug preferences in Public health systems in Chile in the context of the academic activities.

At the same time, he entered into the topics of “longevity”, “genomics” and “anti-aging” strategies, from the point of view of future studies and the impact of technological change, at the level of health care institutions , vocational training, social security systems, employment, health policies and innovation models and economic evaluation of the pharmaceutical industry, developing critical analysis and presentations.

> He has since taken part in a number of graduate courses in management , marketing and design in several major universities.

GIORGIO GAVIRAGHI

GIORGIO GAVIRAGHI RECEIVED HIS ARCHITECTURAL DEGREE FROM THE MILAN POLYTECHNIC.

He has since taken part in a number of graduate courses in management, marketing and design in several major universities.

At first as Project Architect, later as Project Manager , where he was responsible to deal with international projects for the Austin Co. an international design and construction copny, he has built a distinguisble career across the globe.

He has acted as CEO for international companies operating in Eurpe, the US, Latin America and the Middle East in the field of design and construction, aerospace facilities , real estate and touristic resorts development.

In several capacities he was responsible for major initiatives , some worth over 5$US, such as the design and project manangement for the recosntruction of thousands of buildings dmaged by the Friuli earthquake, an aerospace facility for for commercial aircraft final assembly for Aeritalia – Boeing, an aircraft overhauling facility for HAI in Greece, advanced testing facilities for SDI initiative in the US, high rises buildings in New York, several touristic resorts in Sardinia and the Red Sea region.

An achiever of international competitions in innovative products and systems for industrial design. Giorgio has specislized in space architecture for advanced propjects and proposals for major space agencies.Winning as tutor for college and high school students over 18 prizes in international space settlements and space related projects.

Partner of the MAAT project consortium for revolutionary airship -based air transportation system sponsored by the EU.Founder of the Star Voyager organization for the advancement of space development and interstellar travel.

Founder and CEO of edl (exponential design lab) in Latin America specialized in adavanced and global projects.Author of over 80 papers ranging from space, transportation, city planning , design and other topics , including authoring articles and books, the latter Global Challenges.by Lambert Pub.

Delivered several courses at universities in Eurpe and latin America. Actually professor at UFMT in Brazil, teaching Exponential Creativity a disruptive post graduate course.

> For his doctoral research Stuart was awarded the Ackroyd, Brotherton and Brown Scholarship at the University of Leeds.

STUART MAUDSLEY, PH.D.

HEAD OF THE RECEPTOR BIOLOGY LAB AT THE UNIVERSITY OF UNIVERSITY OF ANTWERP

Stuart graduated from the University of Leeds in the U.K. with a First Class Honors degree in Pharmacology and was awarded the Pfizer Prize for his undergraduate research. For his doctoral research Stuart was awarded the Ackroyd, Brotherton and Brown Scholarship at the University of Leeds.

Stuart was then awarded a Howard Hughes Medical Institute Fellowship to train with Professor Robert Lefkowitz (2012 Nobel Laureate in Chemistry) at Duke University. After this post-doctoral fellowship Stuart was recruited to be the Principal Investigator of the Receptor Biology Section at the Medical Research Council (MRC) -Human Reproductive Sciences Unit within the University of Edinburgh. During his time at the MRC he developed novel prostate cancer therapeutics based upon his research into G protein-coupled receptor (GPCR) pluridimensional signaling. To broaden his already considerable biomedical experience Stuart then accepted the position of Head of the Receptor Pharmacology Unit at the National Institutes of Health – National Institute on Aging at the Johns Hopkins University Medical Center. While at the NIH Stuart was the recipient of the coveted NIH ‘Bench-to-Bedside’ Translational Research Grant Award, one of the few awards available within the intramural NIH program. Upon starting a new family, and returning to Europe, Stuart continued his rigorous scientific journey with the award of the highly-valued Odysseus Program Type I Program Grant to work as both the Adjunct Director of the VIB Center for Molecular Neurology and also ViceChair of the Department of Biomedical Sciences at the University of Antwerp. Stuart’s current research, in his Receptor Biology Lab, focusses on the development of novel GPCR-based anti-aging therapeutics. This research stream is now forming the basis of a new technology-based start-up company to help screen and develop novel longevity/disease-regulating compounds.Stuart graduated from the University of Leeds in the U.K. with a First Class Honors degree in Pharmacology and was awarded the Pfizer Prize for his undergraduate research. For his doctoral research Stuart was awarded the Ackroyd, Brotherton and Brown Scholarship at the University of Leeds.

Stuart was then awarded a Howard Hughes Medical Institute Fellowship to train with Professor Robert Lefkowitz (2012 Nobel Laureate in Chemistry) at Duke University.

NUNO MARTINS, PH.D.

Healthy life extension should be the priority for everyone

POLYMATH, RESEARCHER, ENTREPRENEUR, AND A HEALTHY LIFE EXTENSION ADVOCATE.

Nuno is a polymath, a researcher, an entrepreneur, and a life and health extension advocate. As a polymath, he usually likes to make use of different subject areas, drawing ideas and concepts from different bodies of knowledge to solve specific problems.

As an illustrative example, his published papers involve several fields of research, for example: quantitative neuroscience, computer science, nanotechnology, robotics, and others. Several previous education experiences have supported and nurtured his polymath approach to problems. As a researcher, he is interested in any scientific, engineering, or technological development with potential applications or consequences for healthy life extension. Along these lines, he is currently a focused on developing technologies for human healthy life extension.

In business, he created his own company to fund his education. Along the way, several academic awards and grants contributed to his necessary funding strategy. The growth of his original company permitted him to create a business group embracing a set of different companies that operate in a large spectrum of business sectors, including: business consulting, education, information technologies, healthcare services, online sales, and several others.

On life extension related topics, early in his life, motivated to take control of his own health he decided to make several courses related to health-care, body training and nutrition. Thus, he completed several courses related to life and health care, for example, he is a swimming teacher, a professional tennis teacher, a body-building and aerofitness teacher, a power-lifting professor, and he completed also several courses in nutrition and sleep optimization.

As public speaker Nuno participates in conferences and meeting providing high quality professional presentations in his style. One of Nuno's public appearances was on a groundbreaking large conference (attended by approximately one thousand attendees), where Nuno presented along with amazing celebrities, such as: the visionary billionaire Peter Nygard, the always inspiring Suzanne Somers, and the famous futurist Ray Kurzweil, among many other celebrities… Nuno makes easy the understanding of technical challenging subjects , making accessible to the general audience the most difficult problems.

DAN LEVITT, MSC.

DAN LEVITT IS AN ACCLAIMED INTERNATIONAL SPEAKER, ELDER CARE LEADER, WRITER, AND GERONTOLOGIST.

Specializing in helping others to create better lives for seniors. Dan's purpose is to teach millions of people how to transform the lives of older adults across the globe. As a popular professional speaker, he has delivered inspiring keynote speeches impacting thousands of people on four continents. Dan doesn't tell people where to go but guides them in the direction of where they need to go. His talks leave the audience with a new mindset on aging needed to thrive in the 21st century.

Elder Care Leader

Dan Levitt shepherds the enhancement of social, spiritual and care needs for more than 300 seniors, inspiring a team of over 400 employees and volunteers with a commitment to continuously improving the quality of life. Dan is an Adjunct Professor in Gerontology at Simon Fraser University, an Adjunct Professor, School of Nursing, University of British Columbia teaching Long Term Care Leadership, a Sessional Instructor at the British Columbia Institute for Technology, and past Board Member of Common Age.

Adventurer

Dan's adventure exploits have taken him from Africa's highest peak Mt. Kilimanjaro to the Caribbean Sea's coral reefs, from canoeing across the Yukon to racing in the World Marathon Majors in Tokyo, London, Boston, Berlin, Chicago, and New York.

> Specializing in helping others to create better lives for seniors.

JAMES HUGHES, PH.D.

EXECUTIVE DIRECTOR OF THE INSTITUTE FOR ETHICS AND EMERGING TECHNOLOGIES

James Hughes Ph.D., the Executive Director of the Institute for Ethics and Emerging Technologies, is a bioethicist and sociologist who serves as the Associate Provost for Institutional Research, Assessment and Planning for the University of Massachusetts Boston. He holds a doctorate in sociology from the University of Chicago, where he also taught bioethics at the MacLean Center for Clinical Medical Ethics. Dr. Hughes is author of Citizen Cyborg: Why Democratic Societies Must Respond to the Redesigned Human of the Future , and is working on a second book tentatively titled Cyborg Buddha. From 1999-2011 he produced the syndicated weekly radio program, Changesurfer Radio.

Dr. Hughes is a Fellow of the World Academy of Arts and Sciences, and a member of Humanity+, the Neuroethics Society, the American Society of Bioethics and Humanities and the Working Group on Ethics and Technology at Yale University. He serves on the State of Connecticut Regenerative Medicine Research Advisory Committee (formerly known as the Stem Cell Research Advisory Board).

Dr. Hughes speaks on medical ethics, health care policy and future studies worldwide.

> “Bioethicist and sociologist who serves as the Associate Provost for Institutional Research,”

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