

Genetic Engineering



Dr. Susan Jenkins is a member of the Innovative Genomics Institute, a research partnership between UC Berkeley and UCSF with the mission to develop and deploy genome engineering to cure disease, ensure food security, and sustain the environment for current and future generations. As the managing director, she helps to shape the research portfolio of IGI, which includes basic and applied scientific research, as well as research on societal aspects, economics, policy, law and ethics.

She holds a B.S. degree in Genetics from the University of California, Davis and a PhD in Plant Molecular Biology from University of California, Berkeley. Previous research studies focused on biochemical pathways and regulatory gene networks controlling plant development and disease resistance. When she left the bench, she continued to draw on her scientific expertise to establish institutes and programs with true multidisciplinary focus. In addition to managing research, she is also active in STEM initiatives and takes an active role in education and outreach activities in the US and abroad.

Artificial Intelligence & You



David Leinweber, author of "[Nerds on Wall Street: Math, Machines and Wired Markets](#)", was one of the first 5000 people on the Internet as an MIT student back in 1972 when it was called the ARPAnet, and wasn't cool. He worked at the MIT Artificial Intelligence laboratory, both as an undergraduate and for his Ph.D. thesis work at Harvard.

At the RAND Corporation, and as the founder of two AI-based financial technology companies, and as a quantitative investment manager he has been a pioneering participant in the use of Artificial Intelligence. He was co-founder of Integrated Analytics Corporation, acquired by the Investment Technology Group, (NYSE:ITG). As Managing Director at First Quadrant, he was responsible for quantitative global equity portfolios totaling \$6 billion.

Advanced Trading magazine named him an "Innovator of the Decade" in 2010. As a visiting faculty member at Caltech and UC Berkeley, and at Lawrence Berkeley Laboratory, he worked on practical applications of ideas at the juncture of technology and finance. Many are described in a [Google tech talk, "If you had everything computationally, where would you put it financially?"](#)

Bitcoin – Is This Money?



Michael Henry is a part of a team of five Financial Advisors – RGF Associates – at Merrill Lynch. His team oversees the financial affairs for a select group of corporate executives, entrepreneurs, non-profit organizations, and families across the US. Michael began his career after graduating from Boston University in 2003 and moving to New York City where he worked as a paralegal servicing hedge fund managers and later specialized in Intellectual property. During this time, Michael also worked as a musician touring the world and running a record label. Michael's background in media, technology and intellectual property laid the foundation for an interest in and exploration of disruptive technologies such as blockchain, bitcoin and other cryptocurrencies.

Michael holds the Series 7 and 66 FINRA registrations and is an active member of his community along with being the proud father of two young children.

Designing Technology for All Ages



Jeff Johnson is a Professor of Computer Science at the University of San Francisco. He is also President and Principal Consultant at UI Wizards, Inc., a product usability consulting firm. After earning B.A. and Ph.D. degrees from Yale and Stanford Universities, he worked as a UI designer, implementer, manager, usability tester, and researcher at Cromemco, Xerox, US West, Hewlett-Packard, and Sun. He has previously taught at Stanford, Mills, and the University of Canterbury. He is a member of the ACM SIGCHI Academy and a recipient of SIGCHI's Lifetime Achievement in Practice Award.

He has authored articles on a variety of topics in HCI, as well as the books GUI Bloopers (1st and 2nd eds.), Web Bloopers, Designing with the Mind in Mind (1st and 2nd eds.), Conceptual Models: Core to Good Design (with Austin Henderson), and Designing User Interfaces for an Aging Population (with Kate Finn).

The Future of Transportation



Steven Jones is the External Affairs Representative for AC Transit. Steven's commitment to community service began 20 years ago, as a volunteer on his hometown fire department in California's Central Valley. Since then, he has worked across the country to improve emergency response, support public education, and connect East Bay residents with essential public services.

In 2011, Steven joined Alameda County Supervisor Wilma Chan's staff as her Central District Director, where he managed the district office, constituent relations, and a range of policy issues, including transportation. His interest in the intersection of mobility with economic and community development lead him to AC Transit in 2016. Today, he works with community stakeholders, riders, elected officials, and the public to help provide essential bus service throughout the inner East Bay and into San Francisco.

Steven holds a Master's Degree in Public Policy, a Bachelor's in Political Science, and an Associate's Degree in Fire Technology. He serves as Supervisor Wilma Chan's appointee on the Alameda County Fire Advisory Commission, and is currently participating in the Oakland Chamber of Commerce's *Leadership Oakland* program.

The Future of Transportation

As Senior Community Planner, **Clarrissa Cabasagan** currently leads TransForm's efforts to ensure disadvantaged communities benefit from new mobility, including our region's equity outreach efforts on bike share as the system expands from 700 to 7,000 bikes. Clarrissa also manages the Safe Routes to Transit Grant Program and has been our regional advocate to prioritize low-income communities in express lanes, the region's PlanBayArea and various Transit Oriented Development campaigns.



Previously, Clarrissa provided campaign and research support to Urban Habitat and the Los Angeles-based Bus Riders Union to evaluate public transportation service for disadvantaged communities. Clarrissa was introduced to the world of transportation planning at Asian Neighborhood Design through Central Subway design charettes with SF Chinatown community members. And she has experience as a consultant to a diversity of government agencies in policy evaluation, stakeholder engagement, organizational development, and project management. She is passionate about improving the built environment for community health and distilling complex data into meaningful visuals to enrich the discussion around policy decisions and planning processes. She owes her love of data analysis to a couple of summers working at Google, where she learned to navigate her way around an Excel spreadsheet.

Clarrissa received her BA in Ethnic Studies with a minor in City and Regional Planning from UC Berkeley and her Masters in Urban Planning with concentration in Transportation Policy and Planning at UCLA.

The Future of Transportation



Nate Conable, AICP joined Fehr & Peers after an eight-year stint at Atlanta BeltLine, Inc. He was instrumental in helping the organization grow to over 35 people during his tenure including setting up the Transit and Transportation Department, leading station area planning and environmental reviews, acting as a transit planning advisor to the City of Atlanta and leading grant funding pursuits that resulted in more than \$20 million to the program. Prior to the Atlanta BeltLine, Mr. Conable worked in the private sector for seven years as a consultant to MARTA, the Georgia Department of Transportation, developers, business improvement districts and local agencies.

Growing up in Northern California and going to college in Los Angeles before working for over 15 years in Atlanta, Nate has an understanding of the transportation, economic development and housing issues on both coasts. This experience provides him a wide range of knowledge about what strategies have proven most valuable across the nation.