

# CHCI TECH SUMMIT

NOVEMBER 28, 2018

Newseum  
555 Pennsylvania Avenue N.W.  
Washington DC, 20036



## SPONSORSHIP OPPORTUNITIES

*The Congressional Hispanic Caucus Institute (CHCI) is convening a Tech Summit targeting 150 key stakeholders to address emerging trends, policy issues, and opportunities in the tech sector. The day-long summit is designed to connect Members of Congress, Fortune 500 executives, entrepreneurs, tech experts, thought leaders, CHCI program participants and alumni, for high-level discussions and networking.*

### OPENING PLENARY 8:45AM-10:30AM

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#### **How Fifth Generation Mobile Networks will Revolutionize the Internet of Things**

Fifth generation or 5G is expected to deliver data ten times faster than 4G LTE, the current industry standard. These record speeds will increase efficiency and data transmission between connected devices and provide an improved mobile experience for every day users. In tandem, the Internet of Things (IoT) is changing how cities are built with the use of SMART technologies, disrupting not only the business sector, but also government operations. With 5G as the catalyst for innovations in IoT, new business models are already starting in public safety, mass transit, wastewater systems, public infrastructure, traffic, and roads. This session will examine the possibilities presented by 5G technology as well as the private-public partnerships required for a successful implementation and rollout of 5G in reaching the technology's full potential.

### BREAK-OUT SESSIONS 10:45-11:45AM

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#### **Technology for Social Good: How Corporate Citizenship & Moral Leadership are Driving Social Impact**

Innovation and technological advancements touch every part of our daily existence – from 3D printing, self-driving cars, augmented reality, to drone technology. These technological breakthroughs are already helping to solve massive global problems from health to climate change, with both individual and local community impact. Socially conscious customers are driving the expectation of corporate accountability on a range of issues: from ethically sourced supply chains to environmentally friendly packaging. In light of these changing consumer trends, social impact and moral leadership is now the norm for CEOs and

global corporate leaders. Accordingly, modern business strategy is driven by social change and is also reflected by the leadership of many top companies involved in the tech space who have taken a public stand on issues including, workers' rights, the environment, and immigration. In a world where every company is seen as a technology company, moral leadership is now the expected norm not only from tech leaders but all leaders. This session will examine how business are driving social change both on the individual and corporate level, by coupling high-impact innovation and investment with social impact.

### **Bridging the Digital Divide and Promoting Tech Fluency**

Technology has dramatically changed the way we live and work and will continue to do so even more, with new discoveries and technological innovations. The digital divide is the gap in the access and usage of information and communications technology requiring competencies and abilities beyond a basic skill level. Tech fluency, is the ability to broadly understand, use, and apply technology in a personal and professional capacity. As technology continues to touch all aspects of our lives, bridging the digital divide and promoting technology fluency has become increasingly important to current job functions, and will be the foundation of all future jobs. For example, Augmented Reality will give workers access to vast amounts of data and will allow humans and machines to work together in achieving results neither could do alone. Similarly, systems innovations and machine learning will work together with human enhancement, allowing workers to prioritize tasks and complete work in unprecedented ways. This will require modern workforce to employ new tools and to interface with information and tasks. This session will address the changing landscape of the digital divide, the spectrum of proficiency required in future jobs, and how stakeholders can collaborate in promoting tech fluency to ensure success in the jobs of the future.

### **Cybersecurity: Managing the Opportunities and Threats of Digital Disruption**

An increasingly interconnected world presents endless possibilities for improved transparency, productivity, accessibility, efficiency, and sustainability. Digitalization of information is instrumental for realizing intelligent systems and connected assets – however, these transformative technologies are coupled with unique and uncharted threats to data security and the risk of cyberattacks. As new business models emerge and push out century-old models, how are markets, businesses and employment adjusting in securing against these new threats? A disruption or attack on the interconnectivity of digital systems has the potential to have ripple effects on consumer confidence and the democratic process, and in turn, economic markets and prices. In addressing these challenges, policy makers, business executives and other stakeholders face new and complex decisions, often with incomplete or imperfect information. Adding to this challenge is the extremely dynamic nature of digital systems and infrastructure. This session will examine and assess the state of current corporate and government systems, and trends in ensuring consumer and citizen privacy and security.

## LUNCH 12:00PM-1:30PM

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### **Industry 4.0: Thriving in an Automated World and the Future of Work**

We are at the dawn of a fourth industrial revolution or “industry 4.0” which at its core is about connecting the physical and digital worlds: from augmented reality, 3D printing, big data processing, to machine learning, the Internet of Things, and mobile computing. Innovation and technological developments are taking place at record speed and outpacing the ability of policy makers to react and prepare for the social and economic disruptions on the horizon. Simultaneously, brick and mortar traditional business models no longer have the ability to scale like a technology company. The rise of the gig economy, workforce mobility, alternative work arrangements, automated tasks, and changing demographics with an increasingly diverse workforce, will required corporate leaders, workers, and policy makers to adapt and work together for a shared outcome and holistic approach to addressing these trends.

Stakeholders should aim for a shared understanding of the ethics, human identity, greater productivity and innovation. Resulting policies should consider and plan for addressing growing inequality and use technology to drive inclusive growth rather than unemployment. As technology evolves, and we recognize the limits of what artificial intelligence can do, it will be critical to recognize what uniquely human skills will be valued. This session will examine how these forces of change will work together, how the future workforce will be defined, and how to collectively ensure workers are prepared for the jobs of the future.

## CLOSING PLENARY 1:45PM-3:00PM

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### **An Integrated Approach: Diversity, Equity, and Inclusion**

Diversity is not only morally preferable, but statistically verified to be better for business. Yet, a persistent lack of diversity in tech and the absence of meaningful opportunities for Latinx across the tech sector demonstrate a lack of understanding of long-term implications. Driving diversity, equity and inclusion will require a multi-pronged approach: (1) identification and funding for broader group of diverse startups and founders; (2) identifying and addressing unconscious bias embedded in the existing hiring processes; (3) establishing diversity as a value added business imperative for a boarder base across investor and venture capital community of tech funders; and, (4) identifying the barriers involved with the retention of the existing diverse talent. This closing plenary will bring together stakeholders for a collaborative discussion on diversity, equity, and inclusion in the technology sector and how a collective understanding between the public and private sector will be essential to success.