



SCHEDULE
WORLDUTURE2015.ORG

JULY 24-26, 2015
HILTON SAN FRANCISCO UNION SQUARE
SAN FRANCISCO, CALIFORNIA, USA

WORLD FUTURE SOCIETY

EMPOWERING FUTURISTS. SHAPING FUTURES.

3220 N STREET NW #161
WASHINGTON, D.C. 20007, USA

+1.301.656.8274 | 1.800.989.8274

WFS.ORG



The World Future Society is the first membership organization in the world for people who research, envision and create potential futures. Our mission is to improve decision-making about the future by empowering futurists, fostering networks and advancing knowledge and action on future-critical issues.

The organization was founded in 1966 by Edward Cornish, who went on to write *Futuring: Exploring the Future*, a foundational text still used in many classrooms today. Prominent early members included Buckminster Fuller, Robert McNamara, Arthur C. Clarke, Herman Kahn and Alvin and Heidi Toffler.

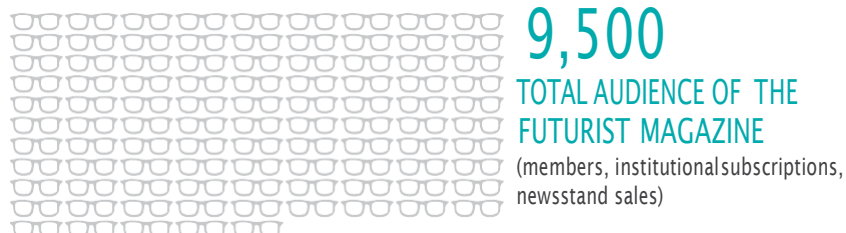
Today, the World Future Society provides robust tools, cutting-edge ideas and opportunities to collaborate through its newsletters and publications, events and conferences, and a global chapter network in countries around the world.

The World Future Society is a 501(c)(3) nonprofit educational and scientific organization, incorporated and located in Washington, D.C.

The WFS Transformation:

In order to support the urgent need for anticipatory decision-making in a complex and rapidly changing world, WFS has embarked on a multi-year modernization and transformation designed to culminate in WFS “2.0” by 2017. WFS 2.0 will be the world’s premiere ecosystem for empowering futurists, igniting dialogue about the future and shaping futures.

WORLD FUTURE SOCIETY MEMBERSHIP OVERVIEW



14,900
TWITTER
FOLLOWERS



9,800
FACEBOOK
FOLLOWERS

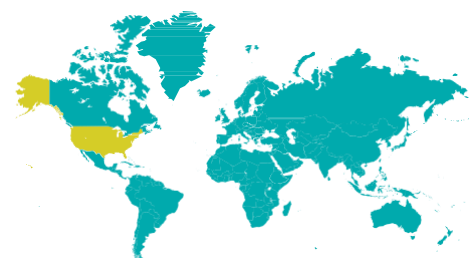


12,000+
NEWSLETTER
SUBSCRIBERS



700
ANNUAL CONFERENCE
ATTENDEE AVERAGE

WORLD FUTURE SOCIETY'S NETWORK PROFILE



80%
UNITED
STATES

20%
INTERNATIONAL
(82 COUNTRIES)



77%
MALE



23%
FEMALE

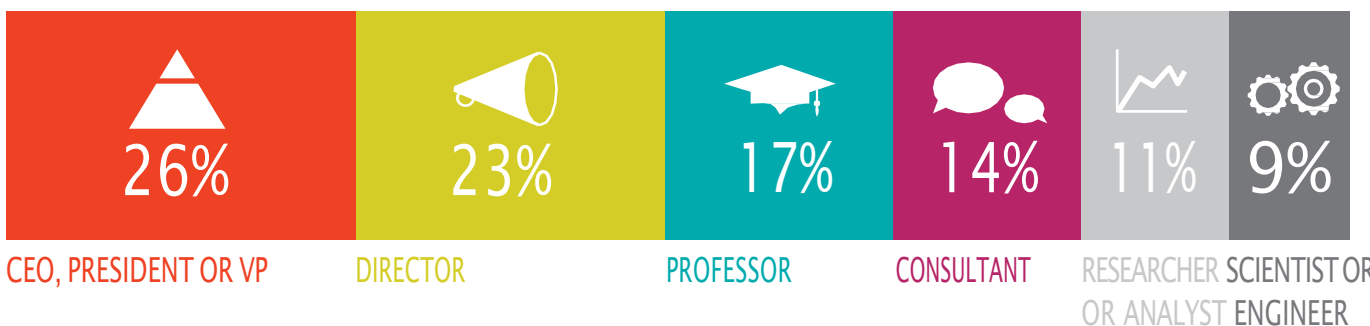
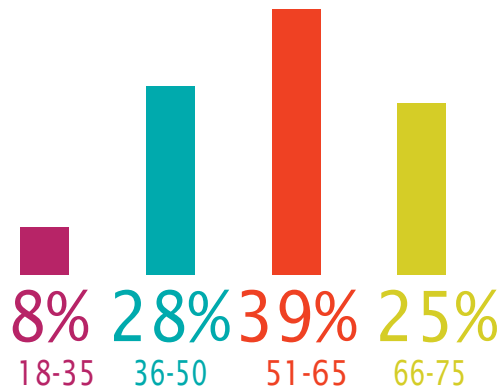


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WIRELESS INTERNET

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- 2 Open browser
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NOTE:

This conference may be filmed, photographed, or recorded by management for future broadcast, publication, or promotion, including pictures of speakers and attendees or individuals in the audience. Your attendance at this event shall be deemed as your consent to have your image or likeness appear in any publication, broadcast, display, or other transmission or reproduction of this event in whole or in part.

WORLDFUTURE 2015: MAKING THE FUTURE

The Annual Conference of the World Future Society

July 24-26, 2015 | Hilton San Francisco Union Square | San Francisco, California

Dear WorldFuture 2015 Attendee,

I'm thrilled to have this opportunity to welcome you to San Francisco on behalf of the World Future Society.

Amazingly, this is our 44th annual conference. What a heritage!

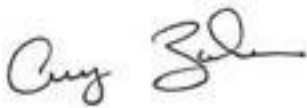
Our first conference was held in Washington, DC in 1971. It was called "Dimension of the Future: Explorations of Critical Events & Transitional Choices."

I like to think our title phrase this year — Making the Future — is a little snappier, but the theme of that founding conference is as salient today as it was prescient then.

Over the course of this weekend, there will be many opportunities to discuss the critical events of our time and their implications; in geopolitics, in business, in our global and local societies. And I know the air will be crackling with your most innovative ideas about how to address transitional choices in an era transformed, above all, by accelerating technological change.

I hope you will enjoy the unique opportunity to network with colleagues from over 30 countries and to celebrate our shared enterprise: understanding our options and making better decisions now in order to shape our preferred futures.

Warmest regards,



Amy Zalman

CEO & President
World Future Society



WORLDFUTURE 2015 SPONSORS & PARTNERS

The World Future Society thanks WorldFuture 2015 sponsors and partners for their support.



The Futures School is a one-of-a-kind approach to discovering, exploring, mapping, and creating the future that has been leveraged by companies, entrepreneurs, and policymakers in 23 countries. Learn more about how Kedge can help your organization create a more powerful future.



KEYNOTE SPEAKERS

Forging the Future How Technology Disrupts Everything

Steve Jurvetson, Managing Director, DFJ Ventures

Opening Keynote, Friday 4:00-5:30 | Continental Ballroom 5&6

Steve Jurvetson is a partner at DFJ. His current board responsibilities include SpaceX, Synthetic Genomics, and Tesla Motors (TSLA). He was the founding VC investor in Hotmail, Interwoven (IWOV), Kana (KANA), and NeoPhotonics (NPTN). Previously, Steve was an R&D Engineer at Hewlett-Packard, where seven of his communications chip designs were fabricated. His prior technical experience includes programming, materials science research, and computer design at HP's PC Division, the Center for Materials Research, and Mostek. He has also worked in product marketing at Apple and NeXT Software. Steve was chosen by Forbes as one of "Tech's Best Venture Investors", by the VC Journal as one of the "Ten Most Influential VCs", and by Fortune as part of their "Brain Trust of Top Ten Minds."



TBA

Gina Bianchini, Founder & CEO, Mightybell

Saturday Lunch Keynote Speaker, 12:45-2:00 | Continental Ballroom 6

Gina Bianchini is the founder and CEO of Mightybell, a software platform and partner for companies and enterprises to create specialized professional networks for their customers and markets. Mightybell Networks include a successful professional network for the self-employed, and a new specialized professional network for teachers. Since publicly launching in April 2014, tens of thousands of organizations have begun to build professional networks on Mightybell focused on learning faster and making better decisions with peers, including The Gates Foundation, Intuit, American Express, among others. Before Mightybell, Bianchini and Marc Andreessen co-founded Ning, the largest social platform for communities of interests online.



To Boldly Go Using Science Fiction Prototyping for Warp Speed Innovation

Ari Popper, Founder & CEO, SciFutures

Sunday Lunch Keynote Speaker, 12:45-2:15 | Continental Ballroom 6

Ari Popper is the Founder and CEO of SciFutures, a foresight and innovation agency that uses sci fi prototyping to help their clients create meaningful change in the Exponential Age. SciFutures works in a wide variety of industries with Fortune 500 clients such as Lowe's, Hershey, Ford, Brocade and Pepsi. Ari has over 20 years' experience as a marketing, consumer research and innovation consultant. Ari is a sought after keynote speaker and his view on disruptive innovation and the changing landscape of business is inspiring, provocative and motivating. He is a passionate sci fi fan and amateur sci fi writer who was inspired to start SciFutures during a creative sci fi writing class at UCLA. When Ari isn't running SciFutures and reading sci fi, Ari is marathon training and living in the California sunshine with his wife and two pets.



FEATURED SPEAKERS | SATURDAY



Future Crimes

9:00-10:00 | Continental Ballroom 2
Marc Goodman, Author, *Future Crimes*

Marc Goodman is a global strategist, author, and consultant focused on the disruptive impact of advancing technologies on security, business and international affairs. Over the past twenty years he has built expertise in next generation security threats such as cyber crime, cyber terrorism, and information warfare. Marc advises industry leaders, security executives, and global policy makers on transnational cyber risk and intelligence.



How Millennials are Remaking the World

9:00-10:00 | Golden Gate 8
Jared Kleinert, Co-Founder & Co-Author, *2 Billion Under 20*
With Co-presenters Micaela Chapa, Inspirational Speaker | Patrick Lung, Student & Entrepreneur

Jared Kleinert is an entrepreneur who has been featured in Forbes, Fast Company, and TEDxYouth Miami. He is currently the co-author and co-founder of an eye-opening book, community, and larger organization called *2 Billion Under 20: How Millennials are Redefining Success, Breaking Down Barriers, and Changing the World*.



Future of Pro-Bono *Moving Toward More Impactful Models*

11:15-12:30 | Continental Ballroom 2
Matthew Manos, Founder, Managing Partner, & Global Strategy Lead, VeryNice.co
With Co-presenters Bora Shin, Managing Partner & Creative Director, VeryNice.co | Jake Dunagan, Managing Director & Global Foresight Lead,

Matthew Manos is an advisor and author interested in experimental economies, business as a medium for critical inquiry, and new methods for creative writing restriction. He is the founder of verynice, a global design and innovation consultancy that gives half of its work away for free to non-profit organizations.



Radical Optimism With Very Real Concerns *A View From Science Fiction*

2:15-3:15 | Continental Ballroom 2
Ramez Naam, Author, *Nexus* and *More Than Human*

Ramez Naam was born in Cairo, Egypt, and came to the US at the age of 3. He's a computer scientist, futurist, and award-winning author. Ramez spent 13 years at Microsoft, where he led teams developing early versions of Microsoft Outlook, Internet Explorer, and the Bing search engine. His career has focused on bringing advanced collaboration, communication, and information retrieval capabilities to roughly one billion people around the world.



Crafting the Future *Lessons From Etsy*

3:30-4:30 | Continental Ballroom 2
Alex Wright, Director of Research, Etsy

Alex Wright is a Brooklyn-based writer, researcher, and designer whose most recent book is *Cataloging the World: Paul Otlet and the Birth of the Information Age*. He is a graduate faculty member at the School of Visual Arts' MFA program in Interaction Design. From 2009-2013, he was the Director of User Experience at The New York Times.



Conversation *1950-2050, A Century of Creating the Future*

4:45-5:30 | Continental Ballroom 2
Nancy Murphy, Director of Experience Design, Worldview Stanford
Peter Schwartz, SVP Strategic Planning, Salesforce

Nancy is a writer, strategist, network evangelist, and experience designer. During two decades at Global Business Network, she served as CMO/editor in chief, managed its interdisciplinary network of 150 visionaries. | Peter Schwartz is the Senior Vice President for Global Government Relations and Strategic Planning for Salesforce.com. Prior to that, Peter co-founded Global Business Network.

FEATURED SPEAKERS | SUNDAY



Future of Making

9:00-10:00 | Continental Ballroom 2
Mike Pell, Envisioneer, The Microsoft Garage

Mike Pell is the Senior Designer driving the design vision, strategy, and execution for The Microsoft Garage. Mike has been designing and coding breakthrough products used by millions over the last thirteen years at Microsoft. A veteran of the software industry, Mike has worked in tiny startups and large corporations alike, where he thrives on the ever-changing nature of hack culture and continuous opportunities to learn by doing.



Future of America

10:15-11:15 | Golden Gate 8
Brian David Johnson, Futurist, Intel

The future is Brian David Johnson's business. As a futurist at Intel Corporation, his charter is to develop an actionable vision for computing in 2020. His work is called "future casting"—using ethnographic field studies, technology research, trend data, and even science fiction to provide Intel with a pragmatic vision of consumers and computing.



From Passive to Active *Shaping the Future*

11:30-12:30 | Continental Ballroom 2
John Hagel, Co-Chairman, Deloitte's Center for the Edge

John Hagel has operated over the past 25 years working with senior executives at the intersection of business strategy and information technology. John has been on both sides of the table, both as an advisor in consulting engagements and as a co-founder and senior executive of enterprises, his goal is to continue to peer over the horizon to understand not only how the global economy is being reshaped, but to translate the insights into actionable advice that can deliver tangible impact to businesses today.



Neuroscience and the Future

11:30-12:30 | Golden Gate 8
Brie Linkenhoker, Director, Worldview Stanford

Brie is a neuroscientist-turned-strategist who has helped companies, governments, and nonprofits develop robust long-term strategies for uncertain futures. She holds a PhD in Neurosciences and an MA in International Policy Studies from Stanford, and she did postdoctoral research in neuroeconomics before joining Monitor, a global strategy consulting firm. She returned to Stanford in late 2012 to launch Worldview.



Pace Layer Thinking Using Time to Connect Foresight to Strategy

2:30-3:30 | Continental Ballroom 2
Paul Saffo, Co-Founder, Discer Investment Analytics

Paul is a forecaster with over two decades experience exploring the dynamics of large-scale, long-term change. He teaches forecasting at Stanford University and chairs the Future Studies and Forecasting track at Singularity University. Paul serves on a variety of not-for-profit boards including the Long Now Foundation, and the Bay Area Council Economic Institute.



Artificial Intelligence, Robotics, & the Future of Jobs

3:45-4:30 | Continental Ballroom 2
Janna Anderson, Director, Imagining the Internet Center, Elon University

Janna Quitney Anderson is an associate professor and Director of the Imagining the Internet Center, based in Elon University's School of Communications. She has led 20 major studies for the Pew Internet Project, including the work leading to generation of all of the research reports on the Imagining the Internet site. She is the author of the book "Imagining the Internet: Personalities, Predictions, Perspectives" (Rowman & Littlefield, August 2005) and the lead author of the "Future of the Internet" book series.

MASTER CLASSES

Conducted over the two days leading up to the official opening keynote, Master Classes are a hallmark of WorldFuture conferences. Designed for novice to highly experienced attendees, the sessions deliver unrivaled exposure to the methods, trends and perspectives shaping our future. The 2015 lineup of Master Class topics and instructors represent a truly unique opportunity for personal and professional development.

All Master Class participants must display their badge at all times when attending a class.

THURSDAY (all classes run from 9:00-5:00)

Wiser Futures Using Futures Tools to Better Understand and Create the Future
Union Square 6
Clem Bezold | Founder, Institute for Alternative Futures

Strategic Futuring *How to get from Here to There*

Union Square 3&4
Tsvi Bisk, Director, Center for Strategic Thinking | Micaela Ziv, Owner, Ziv Group

New Approaches in Foresight *A Co-Learning Lab on Automated, Crowdsources, Integrated Quantitative-Qualitative, and Scenario Gaming Approaches*

Union Square 15
Cornelia Daheim | Founder & Director, Future Impacts Consulting

Bringing the Future to Life *Experience Design in Foresight*

Union Square 16
The Mission Business Team: Trevor Haldenby, CEO & Design Futurist | Shane Hollon, Junior Narrative Architect

Rigorous Future *Learning to Harness Logic, Creativity, Systems Thinking, and Intuition*

Union Square 1&2
Richard Lum, CEO, Vision, Foresight, Strategy | Wendy Schultz, Director, Foresight Research and Training, Infinite Futures

Would You Like to Play a Game? *A Facilitated Introduction to Using and Developing Foresight Gaming Systems*

Union Square 5
John Sweeney, CEO, Futures Ninja, Inc. | Sandjar Kozubaev, Senior Manager, Sparks Grove | Zhan Li, Futurist & Consultant, University of Southern California

FRIDAY (all classes run from 8:00-3:30)

Design Thinking for More Innovative and Effective Foresight

Union Square 6
Jim Burke, Foresight Coach, DeepDive

Introduction to Foresight

Union Square 3&4
Andrew Hines, Assistant Professor, University of Houston | Lee Shupp, Managing Director, Insights & Strategy Speck Design

Science Fiction *The Evolutionary Mythology of the Future*

Union Square 5
Tom Lombardo, Director, Center for Future Consciousness

The Internet of Things (IoT), Explained

Union Square 21
Francis Rabuck, Social Media Manager & Forecast Expert, TechCast

How to Create a Maker Space

Union Square 25
Paul Tinari | Director, Pacific Institute for Advanced Study

Trends + *From Insights to Integration*

Union Square 1&2
Yvette Montero Salvatico, Principal, Kedge | Frank Spencer, Founder & Principal, Kedge

MEETINGS

MEETINGS | THURSDAY

Millennium Project Node Chair Meeting (day 1)

9:00-5:00 | Union Square 19&20

Evening GGAC Meeting (open to GGAC council members)

6:00-8:00 | Union Square 19&20

MEETINGS | FRIDAY

Communities of the Future Annual Meeting

8:00-3:30 | Union Square 17&18

Public Sector Foresight Network Annual Meeting

8:00-3:30 | Union Square 23&24

Millennium Project Node Chair Meeting (day 1)

8:00-3:30 | Union Square 19&20

MEETINGS | SATURDAY

Chapter Head Meeting

10:15-11:15 | Union Square 24

SPECIAL EVENTS

FRIDAY

Opening Keynote

Forging the Future How Technology Disrupts Everything

4:00-5:30 | Continental Ballroom 5&6

Steve Jurvetson, Managing Director, DFJ Ventures

Opening Night Wine Reception

5:45-7:30 | East Lounge

SATURDAY

Breakfast with the CEO

7:30-8:30 | Golden Gate Room

Join CEO Amy Zalman and WFS leadership for a casual breakfast to discuss the future

Millennial & Youth Activities *Teaching the Future*

9:00-3:15 | Golden Gate 7

Talks and activities for students, millennials, & futurists. Interactive foresight activities produced in partnership with Future Problem Solving Program International, DesignWorlds for Learning, and Teach the Future

9:00-4:15 | Golden Gate 8

Evening at Plethora

6:00-8:00

Join us for a tour and demo from co-founder Nick Pinkston, and talk with him about Plethora and its role in the future of manufacturing

Allow 30 minutes for transportation to event
Additional registration required

SUNDAY

Brunch at the Long Now Foundation

10:00-12:00 | Bus departs 9:30

Take a trip to the home of the 10,000 Year Clock Project for a special presentation and brunch at the Interval Bar

Meet group at registration 15 minutes prior to departure
Additional registration required

MONDAY

The Professional's Toolkit

9:30-3:30 | Plaza Room B

Join Wendy Schultz & Richard Lum for a demonstration and facilitated discussion on emerging software and online tools for foresight professionals

Open to Professional level WFS members
Additional registration required

REGISTRATION & INFORMATION

Registration & Information, Making the Future Hall, & Bookstore | Golden Gate Room

Thursday | 8:00am-9:30am

Friday | 7:00am-5:00pm

Saturday | 8:00am-5:00pm

Sunday | 8:00am-12:00pm

Saturday, July 25

9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm
<p>Strategy Under Technological Uncertainty <i>Surviving the Techstorm</i> (Union Square 24) 9:00-9:45 Nicklas Bergman ----- Futuristic Robotics (Union Square 23) 9:00-10:00 Francis Rabuck</p>	<p>Implications of Digital Technology (Union Square 22) 10:15-11:15 David Wood, Frank Spencer, Halil Aksu, Jeremy Pesner ----- The Future of Personal Financial Management <i>A Story of Trust</i> (Union Square 19&20) 10:15-11:00 Eric Schurr</p>	<p>Science Meets Fiction (Union Square 24) 11:30-12:15 Gray Scott</p>			<p>Planning for the Future of Autonomous Cars <i>An Interactive Analytical Gaming Session</i> (Union Square 19&20) 2:15-3:00 John Watts</p>	<p>Futures of the Forest <i>When Wood Goes Nano</i> (Union Square 5&6) 3:30-4:30 David Bengston, James Dator, Mike Dockry, Aubrey Yee</p>	<p>News in a Network Society <i>The Future of Media</i> (Union Square 24) 4:45-5:30 Jerry Edling</p>	TECHNOLOGY & INNOVATION
<p>Design Futures for Human-Centered Cities <i>Living and Building Slow and Fast</i> (Union Square 5&6) 9:00-10:00 Cindy Frewen, Glen Hiemstra, Wendy Schultz</p>	<p>Teaching Foresight In Public Sector Organizations (Union Square 23) 10:15-11:00 Patricia Sommerville</p>	<p>Designing Foresight Based Discussions in Multilateral Venues (Union Square 3&4) 11:30-12:15 Freija Van Duijne</p>		<p>Lunch 12:45-2:00 Gina Bianchini Founder & CEO Mightybell</p>	<p>Digital Design Fiction <i>Transmedia and Foresight</i> (Union Square 24) 2:15-3:00 Trevor Haldenby ----- Visual Thinkers and Their Visionary Technologies (Union Square 22) 2:15-3:15 Ken Hunter, Thomas West, Delos Smith</p>	<p>Department of Veteran Affairs Quadrennial Planning Process (Union Square 3&4) 3:30-4:15 Susan Sullivan Joseph Moore</p>	<p>Science Fiction For Foresight An Accelerated Introduction (Union Square 5&6) 4:45-5:30 Tom Lombardo</p>	BUSINESS OF FORESIGHT
<p>Pixels & Plows <i>The Future of Food Deserts</i> (Union Square 19&20) 9:00-9:45 Kel Smith ----- Futurists' Views from Around the World (Union Square 1&2) 9:00-10:30 Ibon Zugast, Concepcion Olavarrieta, Brock Hinzmann, Reyhan Huseynova, Zhouying Jin, Cornelia Daheim, Milan Maric, Nadezhda Gaponenko, Blaž Golob</p>	<p>Trends and Struggles in education The Next 10 Years and Beyond (Union Square 5&6) 10:15-11:15 Arthur Shostak, William Crossman, Marianne Solomon, Micaela Ziv ----- Ignite the Future I (Union Square 3&4) 4:45-5:30 Paul Tinari, Ari Wallach, Fernando Ortega, Ya Tzu Hsueh</p>	<p>AI and the Future of Courts (Union Square 5&6) 11:30-12:15 Herb Rubenstein ----- Single Actor Terrorism (Union Square 22) 11:30-12:30 Ted Gordon, Yair Sharan, Simone Di Zio, Elizabeth Florescu, Aaron Richman ----- Cybercrime 2025 <i>Threats and Challenges</i> (Union Square 19&20) 11:30-12:15 Richard Yonck ----- Big Data <i>Trends & Implications</i> (Union Square 23) 11:30-12:30 Tim Persons, Dave Feinleib</p>			<p>The Future of "Race" (Union Square 3&4) 2:15-3:00 William Crossman ----- The Future of Power and Global Governance (Union Square 5&6) 2:15-3:15 Amy Zalman, Jim Kadtko, Keith Porter ----- Latin America in 2030 and Beyond (Union Square 1&2) 2:15-3:45 Jose Cordeiro, Concepcion Olavarrieta, Ibon Zugast, Mayra Gomes De Oliveira, Clement Bezold</p>	<p>Global Overview of Challenges and Prospects for Our Future (Union Square 24) 3:30-4:15 Jerome Glenn ----- Neighborhood Governance <i>A Plan for the Future</i> (Union Square 22) 3:30-4:30 Rick Smyre, Mike Ribble, John Popoff, Pam Lung</p>	<p>Future of Emergency Services (Union Square 3&4) 4:45-5:30 David Daniels ----- Climate Smart Cities <i>Solutions for Climate Change Mitigation and Resilience</i> (Union Square 19&20) 4:45-5:30 Jad Daley ----- Future of Technological Crime (Union Square 22) 4:45-5:30 Roey Tzezana</p>	GLOBAL ISSUES

Saturday, July 25

9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm
<p>Practical Health and Wellness (Union Square 15&16) 9:00-9:45 Guy Joseph Ale, Teresa Mishler</p>	<p>The Immortality Game <i>A Way to Explore the New Longevity</i> (Union Square 15&16) 10:00-10:45 Joel Barker</p>	<p>Technology Business Trends 2015 (Union Square 15&16) 11:00-11:45 Mike Dover</p>	<p>Texas is the Fastest Growing State in the Union (Union Square 15&16) 12:00-12:45 Rodney Hill, Jorge A. Vanegas</p>		<p>Designing the Future <i>Cultivating the Learning</i> (Union Square 15&16) 2:15-3:00 Katherine Prince, Jason Swanson</p>	<p>Finding the Essential "What If's" <i>A New Approach to Black Swan Software</i> (Union Square 15&16) 3:15-4:00 Ted Gordon</p>	<p>Five Keys to the Engaged and Innovative Culture of the Future (Union Square 15&16) 4:15-5:00 Carrie Vanston</p>	PRACTICUM
<p>Zombie Loyalists (Golden Gate 6) 9:00-9:45 Peter Shankman</p>	<p>Change Your Space, Change Your Culture (Golden Gate 6) 10:00-10:45 Rex Miller</p>	<p>Tech and Your Changing Job (Golden Gate 6) 11:00-11:45 Richard Lieberman</p>	<p>Meet the Authors II (Golden Gate 6) 12:00-12:45 TBA</p>		<p>Ageless Nation (Golden Gate 6) 2:15-3:00 Michael Zey</p>	<p>SciFi Dialogue (Golden Gate 6) 3:15-4:00 Ramez Naam, Brenda Cooper</p>	<p>Warlord, Inc. (Golden Gate 6) 4:15-5:00 Andrew Trabulsi</p>	AUTHORS
	<p>The Thing From the Future (Golden Gate) 10:30-11:00 Stuart Candy</p>	<p>Update Your Mental Evolution (Golden Gate) 11:10-11:25 11:40-11:55 Lucas Handwerker</p>	<p>The Thing From the Future (Golden Gate) 12:00-12:30 Stuart Candy</p>		<p>Update Your Mental Evolution (Golden Gate) 2:10-2:25 2:40-2:55 Lucas Handwerker</p>	<p>The Thing From the Future (Golden Gate) 3:00-3:30 Stuart Candy</p>	<p>Update Your Mental Evolution (Golden Gate) 3:40-3:55 Lucas Handwerker</p>	MAKING THE FUTURE HALL
<p>The Future is in Your Hands (Golden Gate 7) 9:00-12:00 Peter Bishop, April Dennis, Katie King ----- How Millennials Are Remaking The World (Golden Gate 8) 9:00-10:00 Jared Kleinert, Patrick Lung, Micaela Chapa *FEATURED</p>	<p>The Future is in Your Hands (Golden Gate 7) 9:00-12:00 Peter Bishop, April Dennis, Katie King ----- Cultural Shifts Among Global Youth <i>Millennials to Gen Z</i> (Golden Gate 8) 10:15-11:15 Jared Weiner, Erica Orange</p>	<p>The Future is in Your Hands (Golden Gate 7) 9:00-12:00 Peter Bishop, April Dennis, Katie King ----- How to Build Utopia <i>An Exploration and Experiment in 'Rapid Futuring' to Create Action</i> (Golden Gate 8) 11:30-12:30 Lea Artis, Jeremy Pesner ----- Singularity University (Union Square 1&2) 11:30-12:30 Jose Cordeiro, Vijai Anma, Anielles Guedes, Daniel Pourbaba</p>		<p>Lunch 12:45-2:00 Gina Bianchini Founder & CEO Mightybell</p>	<p>Student-Led High School Panel (Golden Gate 7) 2:15-3:15 Students TBA ----- Best of Houston Foresight 2:15-3:45 (Union Square 23) Andrew Hines, Adam Cowart, Justin Kugler, Omar Sahi ----- Cultivating Long Term Thinkers in University Undergraduate Learning (Golden Gate 8) 2:15-3:15 Lonny Avi Brooks, Andrea Saveri, Stephanie Couch, Judith Green</p>	<p>Fads of the Future (Golden Gate 8) 3:30-4:15 Marianne Solomon, April Dennis, Students TBA ----- Foresight Thinking as a Part of an Innovator's Education (Union Square 19&20) 3:30-4:15 Elena Diryugina</p>		MILLENNIAL & YOUTH ACTIVITIES
<p>Future Crimes (Cont. Ballroom 2) 9:00-10:00 Marc Goodman</p>		<p>Future of Pro-Bono (Cont. Ballroom 2) 11:15-12:30 Matt Manos, Bora Shin, Jake Dunagan</p>			<p>Radical Optimism With Very Real Concerns <i>A View From Science Fiction</i> (Cont. Ballroom 2) 2:15-3:15 Ramez Naam</p>	<p>Crafting the Future Lessons From Etsy (Cont. Ballroom 2) 3:30-4:30 Alex Wright</p>	<p>Conversation 1950-2015, A Century of Creating the (Cont. Ballroom 2) 4:15-5:30 Nancy Murphy, Peter Schwartz</p>	FEATURED

Sunday, July 26

9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm
<p>Seafloor Methane Hydrates <i>Global Bonanza or Planetary Peril?</i> (Union Square 1&2) 9:00-9:45 Paul Tinari -----</p>	<p>Smart and Smarter The Intelligence Enhancer Revolution (Union Square 22) 10:15-11:00 Michael Zey ----- Mars or Bust (Golden Gate 8) 10:15-11:15 Rusty Schweickart, Marlene Grenon, Millie Hughes-Fulford</p>	<p>Future Human Evolution and Views of the Future Human (Union Square 21) 11:30-12:30 Linda Groff, Michael Marien, Fabienne Goux-Baudiment, James Dator</p>			<p>The Future History of God (Union Square 21) 2:30-3:15 Tsvi Bisk</p>	<p>Loss of Privacy Through Social Media (Union Square 1&2) 3:45-4:30 James Breaux ----- New York to Beijing in Two Hours (Golden Gate 8) 3:45-4:45 Thomas Frey, Daryl Oster</p>		TECHNOLOGY & INNOVATION
<p>Using Cultural Trends as a Foresight Tool (Union Square 22) 9:00-9:45 James Lee ----- The CEO's Futurist (Golden Gate 8) 9:00-10:00 David Houle</p>	<p>Building a Talent Based Economy in New Zealand (Union Square 5&6) 10:15-11:15 Wendy McGuinness, Hannah Steiner, Alison Nevill ----- Future Studies & Science Fiction <i>A Mutually Beneficial Relationship</i> (Union Square 21) 10:15-11:15 Tom Lombardo, Linda Groff, Brenda Cooper, Jose Ramos</p>	<p>Tried & True and Hot & New <i>Foresight Methods Roundtable</i> (Union Square 3&4) 11:30-12:30 Matthew Ranen, Terry Collins, Maree Conway, Tony Kim, Jeroen Byl, Frank Maletz ----- New Trends in the Field of Future Studies (Union Square 1&2) 11:30-12:15 Mariana Todorova</p>		<p>Lunch 12:45-2:15 Ari Popper Founder & CEO SciFutures</p>	<p>Successfully Embedding Foresight into Corporate Culture <i>A Disney Case Study</i> (Union Square 22) 2:30-3:15 Yvette Montero Salvatico ----- Experience Rules <i>How Positive Stakeholder Experiences Will Drive Profit Into The Future</i> (Union Square 3&4) 2:30-3:15 Joyce Gioia</p>	<p>Ignite the Future II (Union Square 21) 3:30-4:15 Frank Spencer, Song Mei Mei, Kel Smith, Alisan Atvur</p>		BUSINESS OF FORESIGHT
<p>The Future of Blackness in the African Diaspora (Union Square 21) 9:00-10:00 Reynaldo Anderson, Lonny Avi Brooks, John Jennings, Andrew Rollins</p>	<p>The Post-Job Economy <i>More Abundant Than You Think</i> (Union Square 3&4) 10:15-11:00 Clem Bezold ----- Foresight for National Armies <i>Developing Capabilities in an Uncertain World</i> (Union Square 1&2) 10:15-11:00 Peter Gizewski</p>	<p>Regulatory Failure <i>Strategic Foresight Failure?</i> (Union Square 22) 11:30-12:15 Richard Dixon ----- Teach the Future <i>Experiences from the Field</i> (Union Square 5&6) 11:30-12:30 Peter Bishop, Katie King, Sam Miller, Bob Harrison, Uri Avin</p>			<p>Acting on the Future <i>Practical Foresight Implementation in Canada</i> (Union Square 1&2) 2:30-3:15 John Schmidt ----- Global Corporation <i>New and Emerging Challenges</i> (Golden Gate 8) 2:30-3:30 Robert Salmon, Mylena Pierremont, Christopher Cordey, Nanette Connelly-Sistovaris</p>	<p>Planning for a Postmoney Future (Union Square 3&4) 3:45-4:30 Boyan Ivantchev ----- The Journey to Wellness Via Healthspital 5.0 (Union Square 22) 3:45-4:30 Frank Maletz ----- WFS 2.0 Bridging the Techie, Greenie, & Grumpie Gaps (Union Square 5&6) 3:45-4:45 Michael Marien, David Harries</p>		GLOBAL ISSUES

Sunday, July 26

9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm		
<p>Gender-Specific <i>The Future of Health Care in the 21st Century</i> (Union Square 19&20) 9:00-9:45 Jed Diamond</p> <p>Sustainability and Complexity (Union Square 3&4) 9:00-9:45 David Snyder</p>	<p>Journeys in Learning to Create (Union Square 19&20) 10:00-10:45 Ted Kahn, Sherman Rosenfeld, Frederick Kaufman, Kate McCallum</p> <p>Meet the Authors II (Golden Gate 6) 10:00-10:45 TBA</p> <p>The Thing From the Future (Golden Gate) 10:30-11:00 Stuart Candy</p> <p>Future of Making (Cont. Ballroom 2) 9:00-10:00 Mike Pell</p> <p>Future of America (Cont. Ballroom 2) 10:15-11:15 Brian David Johnson</p>	<p>Create a Future Education Model <i>K-Graduate Programs</i> (Union Square 19&20) 11:00-11:45 Lynn Nolan Blanca Duarte</p> <p>New Solutions <i>How to Win in Every Scenario</i> (Golden Gate 6) 11:00-11:45 Rom Gayoso</p> <p>Update Your Mental Evolution (Golden Gate) 11:10-11:25 11:40-11:55 Lucas Handwerker</p> <p>From Passive to Active <i>Shaping the Future</i> (Cont. Ballroom 2) 11:30-12:30 John Hagel ----- Neuroscience & The Future (Golden Gate 8) 11:30-12:30 Brie Linkenhoker</p>	<p>Retail Horizons <i>Envisioning the Future of Retail</i> (Union Square 19&20) 12:00-12:45 Alisha Bhagat</p> <p>Finding the Future <i>A Guidebook</i> (Golden Gate 6) 12:00-12:45 Joel Barker</p> <p>The Thing From the Future (Golden Gate) 12:00-12:30 Stuart Candy</p>	<p>Lunch 12:45-2:15 Ari Popper Founder & CEO SciFutures</p>	<p>The Implications of Counseling 1:1 <i>Now and in the Future</i> (Union Square 19&20) 2:30-3:15 James Schreier, Andrew Schreier</p> <p>Update Your Mental Evolution (Golden Gate) 2:10-2:25 2:40-2:55 Lucas Handwerker</p> <p>Pace Layer Thinking Using Timeto Connect Foresight To Strategy (Cont. Ballroom 2) 2:30-3:30 Paul Saffo</p>	<p>The Digital Paradox <i>Finding the Balance</i> (Union Square 19&20) 3:30-4:15 Karl Albrecht</p> <p>The Thing From the Future (Golden Gate) 3:00-3:30 Stuart Candy</p> <p>Artificial Intellegence, Robotics, & the Future of Jobs (Cont. Ballroom 2) 3:45-4:45 Janna Anderson</p>	<p>PRACTICUM</p>	<p>AUTHORS</p>	<p>MAKING THE FUTURE HALL</p>	<p>FEATURED</p>



MAKING THE FUTURE HALL

GOLDEN GATE ROOM

JOIN!

The World Future Society / The Futurist Magazine

Pick up your copy of the Summer 2015 Futurist magazine, the flagship publication of the World Future Society; have questions about the World Future Society answered; and, if you aren't a member, sign up to join the world's premiere foresight organization today.



LEARN!

The Futures School

The Futures School is a one-of-a-kind approach to discovering, exploring, mapping, and creating the future that has been leveraged by companies, entrepreneurs, and policy makers in 23 countries. Stop by and learn more about how Kedge can help your organization create a more powerful future.



PLAY!

The Thing From the Future

SAT: 11:10-11:25 | 11:40-11:55 | 2:10-2:25 | 2:40-2:55 | 3:40-3:55

SUN: 11:10-11:25 | 11:40-11:55 | 2:10-2:25 | 2:40-2:55

The Thing From The Future is an imagination game that challenges players to collaboratively and competitively describe objects from a range of alternative futures. Come play with game co-founder Stuart Candy and fellow futurists.



THINK!

The Bookstore

Get instant gratification by purchasing books by WorldFuture 2015 conference authors here. Authors have the opportunity to sign up for a slot in one of the "Meet the Author" sessions.



SOLVE!

Future Problem Solving Program International

Future Problem Solving Program International has as its mission to help young people globally to design and promote positive futures through problem solving using critical and creative thinking. Find out how they can engage the students in your community at their table.



EVOLVE!

The Future of Mental Evolution

SAT: 10:30-11:00 | 12:00-12:30 | 3:00-3:30

SUN: 10:30-11:00 | 12:00-12:30 | 3:00-3:30

TedX speaker and hypnotist Lucas Handwerker demonstrates to audiences all over the world that hypnosis is a viable way to promote our own mental evolution. Join Lucas to update your mental software and build peak states and mental excellence on command.



ENGAGE!

Your Thoughts on the Future

Stop by the WorldFuture Post It Board to share your thoughts about what excites you most and makes you most anxious about the future, and find out what others feel about the future too.

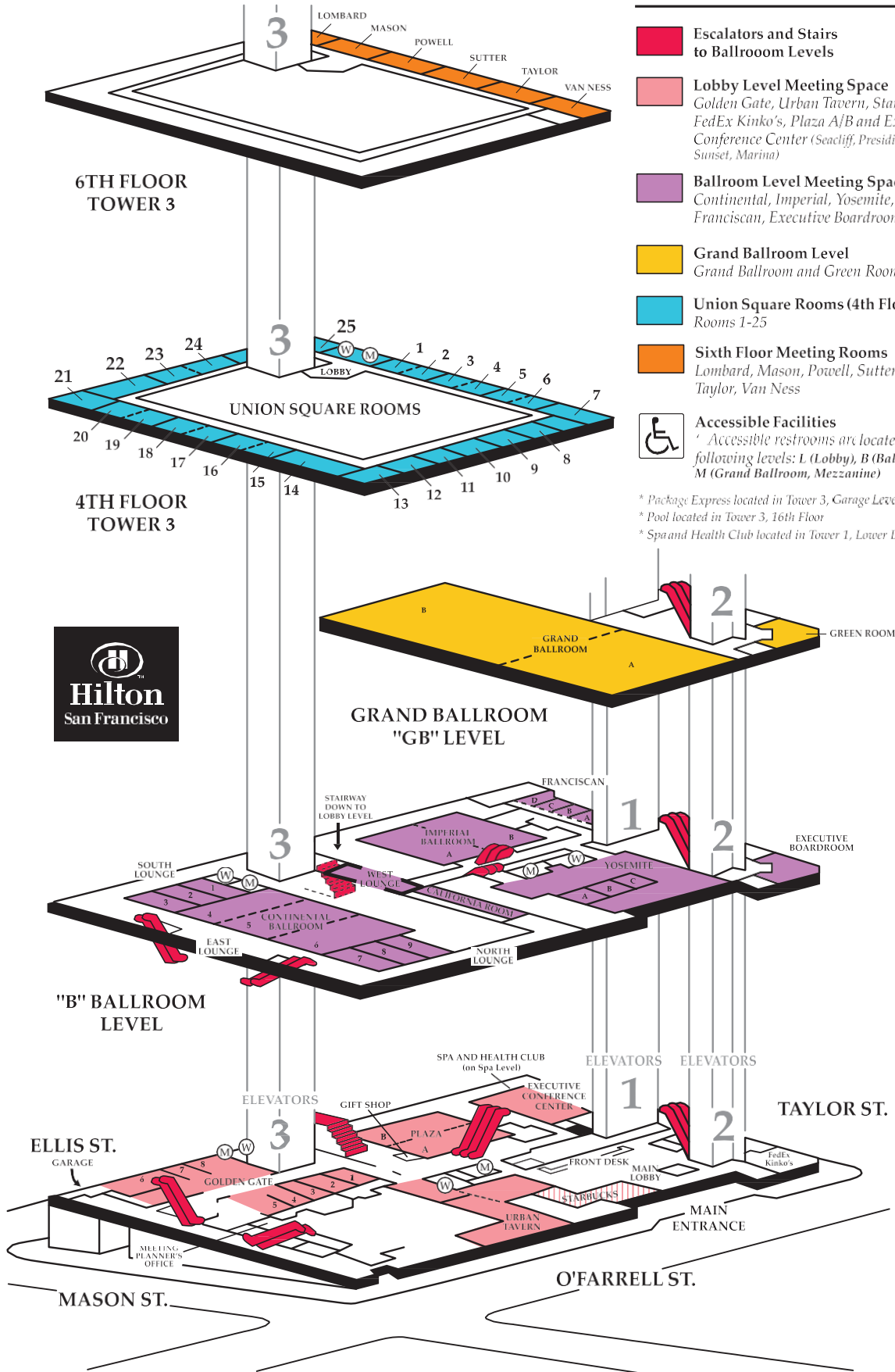


MAP

COLOR KEY

- Escalators and Stairs to Ballroom Levels
- Lobby Level Meeting Space
Golden Gate, Urban Tavern, Starbucks, FedEx Kinko's, Plaza A/B and Executive Conference Center (Seacliff, Presidio, Sunset, Marina)
- Ballroom Level Meeting Space
Continental, Imperial, Yosemite, Franciscan, Executive Boardroom
- Grand Ballroom Level
Grand Ballroom and Green Room
- Union Square Rooms (4th Floor)
Rooms 1-25
- Sixth Floor Meeting Rooms
Lombard, Mason, Powell, Sutter, Taylor, Van Ness
- Accessible Facilities
** Accessible restrooms are located on the following levels: L (Lobby), B (Ballroom), M (Grand Ballroom, Mezzanine)*

* Package Express located in Tower 3, Garage Level
 * Pool located in Tower 3, 16th Floor
 * Spa and Health Club located in Tower 1, Lower Level



Strategy Under Technological Uncertainty *Surviving the Techstorm*

9:00-9:45 | Union Square 24

Nicklas Bergman, Entrepreneur & Futurist

The increasing speed of technological progress is creating a techstorm that will affect all aspects of running a business in the future. Ignorance may be bliss but it is not a viable approach to the disruptive technologies we are facing. This talk presents corporate strategy through a technological lens and is filled with examples from investments and entrepreneurial ventures as well as insights into how investors and business leaders can identify and benefit from opportunities arising in the ever changing technological landscape.

Futuristic Robotics

9:00-10:00 | Union Square 23

Francis Rabuck, Social Media Manager & Forecast Expert, TechCast

The disruptive capacity of robotics to change the way that we live and work will soon be upon us. The session, moderated by Francis Rabuck, will provide an overview of the technological foundations, applications in industrial production, supply chains, and everyday life, and ethical consideration about how humans and robots will interact in the future.

The Implications of Digital Technology

10:15-11:15 | Union Square 22

David Wood, Principal, Delta Wisdom | Frank Spencer, Founder & Principal, Kedge | Halil Aksu, Founder & Chief Thinker, GelecekHane | Jeremy Pesner, Innovation Specialist & Policy Manager, Office of Information, GSA

This panel, led by David Wood, will discuss the implications of digital technology on human activities. How will basic institutions, from electoral politics to education to health care delivery be impacted by digital technology. And how does digital technology introduce both new efficiencies, new ways of knowing and doing business, and also new ethical concerns.

The Future of Personal Financial Management *A Story of Trust*

10:15-11:00 | Union Square 19&20

Eric Schurr, Chief Strategy Officer, TMG Financial Services

Personal Financial Management (PFM) tools--solutions that allow individuals to effectively and efficiently manage their money to achieve their short and long-term financial goals--are evolving. The presentation will look at the scope of personal financial management and survey entrants who are aggregating currencies, hardware providers, new security methods, transaction optimization solutions and financial planning tools that are leading this evolution. It will also address consumer reluctance to adopt these solutions, and the challenges and opportunities that PFM providers face in leading this evolution.

Science Meets Fiction

11:30-12:15 | Union Square 24

Gray Scott, Founder & CEO, SeriousWonder.com

We are entering a new future filled with sexbots, age reversal, Vertical LED Pink Farms, printable light, atmospheric water harvesting, 3D printed organs, virtual reality, artificial wombs, automation and brain fingerprinting. These emerging technologies are set to change the future forever. How can futurists, makers and innovators leverage these ideas into real change? What are the philosophical and cultural implications of these emerging technologies? Who are the players? How are these innovations reshaping our world? What are the top ten emerging technologies that will change our future forever.

Planning for the Future of Autonomous Cars *An Interactive Analytical Gaming Session*

2:15-3:00 | Union Square 19&20

John Watts, Senior Consultant, Homeland and International Security Issues, Noetic Group

Analytical Gaming is a foresight method that has been used to examine future threat scenarios for the Department of Defense. This session engages the participants in an interactive use of the methodology to examine impact and implications for a complex future scenario: the advent of autonomous cars.

Futures of the Forest *When Wood goes Nano*

3:30-4:30 | Union Square 5&6

David Bengston, Social Scientist and Environmental Futurist, US Forest Service | James Dator, Professor & Director, Hawaii Research Center for Futures Studies | Mike Dockry, Research Natural Resource Specialist, Northern Research Station, US Forest Service | Aubrey Yee, Project Director, Hawai'i Quality of Life, Omidyar Group

Wood-based nanomaterials are currently being developed that may be transformational for forestry and for the transition to the use of renewable, carbon neutral resources. In the future, products ranging from automobile bodies to flexible computer displays may be considered renewable forest products. But little is known about potential human health, ecological, and economic implications of nanocellulose. In this panel, we explore scenarios that dive into the emerging and potentially disruptive realm of nanotechnology.

News in a Network Society *The Future of the Media*

4:45-5:30 | Union Square 24

Jerry Edling, Editor, CBS Radio

Many draconian forecasts have been issued regarding the future of the news media. The demise of newspapers and printed periodicals and the decline of the evening news program are all seen as harbingers of a bleak future. As a working journalist, Jerry Edling deals with the fallout of these forecasts day to day. In this presentation he will show how the modern news media grew in parallel with the development of an industrial infrastructure, and he will demonstrate how the network society, with its reliance on collaborative cultures, can provide the underpinnings of a more hopeful future for journalism.

TECH AND INNOVATION

SUNDAY

Seafloor Methane Hydrates *Global Bonanza or Planetary Peril?*

9:00-9:45 | Union Square 1&2

Paul Tinari, Director, Pacific Institute for Advanced Study

Around the world, robotic unmanned submersible vehicles (USVs) are discovering deposits of methane gas hydrates. They are currently the subject of intense study because preliminary research indicates that these structures may contain more energy than all the known conventional fossil fuel deposits on earth. The problem is that it is not yet known how easily such deposits could be harnessed as a practical energy source.

Smart and Smarter *The Intelligence Enhancer Revolution*

10:15-11:00 | Union Square 22

Michael Zey, Professor, Montclair State University

In this session, participants will be challenged to predict whether society will ultimately accept or reject the intelligence-enhancement revolution: the "smart drugs," electronic "brain boosters" and other technologies that promise to infinitely expand our brain power. Academics, scientists, executives, and fighter pilots already are using drugs like Provigil and Adderall to boost their intelligence, concentration, alertness, and memory. Experiments reveal that electronic technologies such as transcranial magnetic stimulation improve subjects' intelligence and memory. Within a few decades nanotechnology could be used to alter the brain's architectural structure to accelerate our mental powers to the hyper-speeds of electronic digital technologies.

Mars or Bust

10:15-11:15 | Golden Gate 8

Marlene Grenon, Associate Professor of Surgery, University of California San Francisco | Millie Hughes-Fulford, Scientific Advisor to the Under Secretary, Department of Veterans Affairs | Rusty Schwieckart, Chairman of the Board, B612 Foundation

Three experts on space exploration will present cutting edge research in areas such as surgery in space and meteor defense, and together explore their prospects in the coming years and the implications for further space research, and ultimately for human viability in space.

Future Human Evolution & Views of the Future Human

11:30-12:30 | Union Square 21

Linda Groff, Emeritus Professor, California State University Dominguez Hills | Michael Marien, Director, GlobalForesightBooks.org | Fabienne Goux-Baudiment, Founder & Head, proGective | James Dator, Professor & Director, Hawaii Research Center for Futures Studies

This session will examine future human evolution and views of the future human. The session will explore the design of future societies, the workplace, and what future humans will look like. Will humans diverge in different evolutionary ways in future, or evolve together?

The Future History of God

2:30-3:15 | Union Square 21

Tsvi Bisk, Director, Center for Strategic Futurist Thinking

This session presents philosophic/scientific speculation about the future evolution of the most powerful and compelling concept in human history. It will relate to other scientific and philosophical speculations about the God concept. The presentation, while speculative, will be based on the most rigorous standards of deductive logic as it relates to some of the most recent scientific hypotheses as to the nature of existence.

Loss of Privacy Through Social Media

3:45-4:30 | Union Square 1&2

James Breaux, Senior Project Manager, Centurion Pipeline Co

There are many ways to look at the future. One is social change. This session will examine the loss of privacy through social media from the perspectives of John Stuart Mill, Marshall McLuhan, and Michel Foucault. Their social theories are combined and re-read in the context of social media and our voluntary surrender to the loss of privacy they represent.

New York to Beijing in Two Hours *The Race to Develop Ultra High Speed Tube Transportation*

3:45-4:45 | Golden Gate 8

Thomas Frey, Executive Director & Senior Futurist, DaVinci Institute | Daryl Oster, Founder & CEO of ET3

Daryl Oster and his Longmont, Colorado-based company, ET3, will present the work of his firm to build a tube transportation system that at present is arguably at the most advanced stage in the world. Like the well known experiments of Elon Musk, ET3 working on the next generation of transportation. While high-speed trains are breaking the 300 mph speed barrier, tube transportation has the potential to make speeds of 4,000 mph a common everyday occurrence. And yes, traveling from New York to Beijing in 2 hours will indeed be possible.

BUSINESS OF FORESIGHT

SATURDAY

Design Futures for Human-Centered Cities *Living and Building Fast and Slow*

9:00-9:45 | Union Square 5&6

Cindy Frewen, Adjunct Professor, Strategic Foresight, University of Houston | Glen Hiemstra, Founder & Owner, Futurist.com | Wendy schultz, Director, Foresight Research and Training, Infinite Futures

We live and build fast and slow. We build faster for disaster relief, prefab, and 3D printed buildings. A museum or highway takes decades. Technical and environmental issues such as "maker cities", smart cities, and climate change are backdrops to well-being. Given our ability to build both fast and slow, this session promotes a concept of people-centered designs and models that asks: now that we can build essentially anything, and fast, how do we want to live, for fun, for learning, for contributing?

Teaching Foresight in Public Sector Organizations

10:15-11:00 | Union Square 23

Patricia Sommerville, Policy Analysts, Government of Canada

This collaborative session will explore why and how we teach foresight to public sector organizations, key messages, methods and tools to teach, and creative ways to get the message across. The session will highlight the challenges of teaching foresight methods inside the public sector as well as solutions to overcome them. Participants will leave with concrete tools to use in teaching foresight methods in a public sector setting.

Designing Foresight Based Discussions in Multilateral Venues

11:30-12:15 | Union Square 3&4

Freija van Duijne, Strategic Foresight Practitioner, OECD Cabinet Office

The 2015 Ministerial Council Meeting at the Organization for Economic Co-operation and Development contains a session in which a scenario based policy discussion will take place. Led by one of the designers of the OECD event, this session will explore how to design an impactful scenario for a multilateral venue that highlights the role of collaborative and innovative solutions to counteract public issues such as low growth, rising inequalities, and climate change.

Digital Design Fiction *Transmedia and Foresight*

2:15-3:00 | Union Square 24

Trevor Haldenby, CEO & Design Futurist, The Mission Business

The audiences that foresight professionals are trying to reach today have had a fundamentally different narrative education than earlier generations of audiences for foresight. Session leader Trevor Haldenby makes that case that it is time for futurists to start speaking to them differently. He will explore how a diversity of approaches including social media, digital design, and transmedia storytelling are being used to engage new communities with futures thinking.

Visual Thinkers and Their Visionary Technologies

2:15-3:15 | Union Square 22

Kenneth W. Hunter, Senior Fellow, University of Maryland | Thomas G. West, Author, *In the Mind's Eye* | Delos Smith, Broadcast Media, Consultant and Contractor

For over 400 years our schools have been teaching the skills of a Medieval clerk -- reading, writing, counting, learning foreign and ancient languages, memorizing texts. Our current era requires a different set of skills -- those of a Renaissance visual thinker such as Leonardo da Vinci. This session focuses on the serious attention being given to the talents of visual thinkers and those with dyslexia or similar visual styles of learning and working, long seen as disabilities. These traits are now seen as valuable in a number of intellectually demanding and innovative fields.

Department of Veteran Affairs Quadrennial Planning Process

3:30-4:15 | Union Square 3&4

Susan Sullivan, Deputy Assistant Secretary for Policy, Department of Veterans Affairs | Joseph Moore, Acting Director, Strategic Studies Group Office of Policy and Planning, Department of Veterans Affairs

Session leader Susan Sullivan explains how the US Department of Veterans' Affairs helps senior leaders through its strategic planning process. This session specifically addresses the "Alternate Futures" process used by the VA and its three key areas of impact: the future environment, the desired end state, and strategic imperatives. By understanding Alternate Futures, senior leaders can plan for future operations.

Science Fiction for Foresight *An Accelerated Introduction*

4:45-5:30 | Union Square 5&6

Tom Lombardo | Director, Center for Future Consciousness

Science fiction is the most visible and influential form of futurist thinking in contemporary popular culture. This presentation offers an overview of the evolution of science fiction, highlighting the importance of mythic consciousness within the human mind. We will consider how science fiction empowers and enriches foresight and futurist thinking in contemporary society. We will examine how science fiction advances the purposeful evolution of future consciousness, and why it is the evolutionary mythology of the future.

BUSINESS OF FORESIGHT

Using Cultural Trends as a Foresight Tool

9:00-9:45 | Union Square 22

James Lee | Founder, Strategic Foresight Investments

Session leader James Lee makes the case that American society rises and falls in 40 year cultural cycles, and that rising distrust in public institutions, unpopular wars, and lackluster economic growth may be a repeat of the 1970s. With this insight in hand, Lee offers considerations of what to expect for the 2020's and beyond.

SUNDAY

The CEO's Futurist

9:00-10:00 | Golden Gate 8

David Houle, Futurist, David Houle & Associates

Session leader David Houle coined the phrase "The Shift Age" back in 2007 with his first book of the same name. In this presentation he addresses the forces and trends that are and will reshape humanity in this new age by taking a look at the three forces and the five contexts of the shift age and how they will affect us as individuals, business people and leaders. He takes a look at the future of generations, women, technology, energy, big data and other topics to provide a view into this transformative and exciting time in history.

Building a Talent Based Economy in New Zealand

10:15-11:15 | Union Square 5&6

Wendy McGuinness, Founder & Chief Executive, McGuinness Institute | Hannah Steiner, Project Manager, McGuinness Institute | Alison Nevill, Advisor, McGuinness Institute

This session takes as its springboard the 2011 StrategyNZ workshop, the idea of New Zealand being 'a place where talent wants to live.' This led to the TalentNZ project, which was officially launched with the publication of the 2013 TalentNZ Journal. In early 2014 the Institute undertook a tour of ten councils, which culminated in the illustration of the talent ecosystem and the menu of initiatives.

Future Studies and Science Fiction *A Mutually Beneficial Relationship*

10:15-11:15 | Union Square 21

Tom Lombardo, Director, Center for Future Consciousness | Linda Groff, Emeritus Professor, California State University Dominguez Hills | Brenda Cooper, Futurist, Technology Professional, & Science Fiction Author | José Ramos, Senior Consulting Editor, Journal

Science fiction has played a fundamental and highly influential role in the contemporary imagination. It has not only been a platform for collective psychological projections, of fears, fantasies, hopes, and concerns, but has also had a profound and ongoing impact on contemporary visions of the future. In this panel discussion involving futurist writers who have contributed papers to the recent Journal of Futures Studies special issue on "Futures Studies on Science Fiction," we will not only apply futures studies concepts to understanding science fiction, but will consider what futures studies can learn from science fiction, as well as what science fiction can learn from the professional study of the future.

Tried & True and Hot & New *Foresight Methods Roundtable*

11:30-12:30 | Union Square 3&4

Matthew Ranen, Scenario Planning Consultant | Terry Collins, Foresight Consultant & Lecturer, University of Houston | Maree Conway, Foresight Practitioner, Researcher, & Trainer, Thinking Futures | Tony Kim, Director, Future Design Lab, Hongik University | Jeroen Byl, Graduate Researcher, Future Design Lab, Hongik University | Frank Maletz, Founding Managing Partner, Crossroads Orthopaedic Group

Professional foresight practitioners have long taken advantage of the transdisciplinary dynamism at the heart of foresight to experiment with new approaches and methods. Today, method has leapt off the page and out of the boardroom. Design fiction and narrative theory lead futures work in ever more imaginative directions, while super computing enables new quantitative methods and crowd-based approaches. Join this group of professionals for a discussion on how models and methods are changing not only the field of foresight, but how we envision the future itself.

New Trends in the Field of Future Studies

11:30-12:15 | Union Square 1&2

Mariana Todorova, Deputy Head, Commission of Science and Education, National Assembly of Bulgaria

The debate over whether the study of the future is a field of science or qualitative inquiry owes much to the fact that in recent decades there have been no significant methodical developments. This session analyzes the impact of a field characterized by eclectic methods and driven by multiple concepts, approaches and understanding.

Successfully Embedding Foresight into Corporate Culture *A Disney Case Study*

2:30-3:15 | Union Square 22

Yvette Montero Salvatico, Principal, Kedge

Companies are realizing that relying on traditional planning efforts in an environment of increasing volatility, uncertainty and complexity is at best futile and at worst leads to failure. As a result, organizations of all sizes and across all industries are turning to strategic foresight in an effort to strengthen their strategic planning and R&D activities. This presentation will chronicle the establishment of a foresight competency across Disney's global operations, including the creation of regional futures teams and the roll-out of an extensive training program.

Experience Rules *How Positive Stakeholder Experiences Will Drive Profit Into the Future*

2:30-3:15 | Union Square 3&4

Joyce Gioia, President & CEO, The Herman Group

We know that positive experiences drive profit -- from customers, employees, vendors, and investors. When relationships work, everybody has less stress and companies make more money. But what contributes to these positive experiences? What are people worldwide looking for in an organization they choose to do business with, be hired by, or invest in? Armed with this information, you will make better decisions and allocate engagement dollars where they will have the optimum effect, because you will know what really drives profit. In this fast-paced and interactive learning experience, you will explore what stakeholders worldwide seek in a business partner—and how to deliver them in experiences that will win over the best; understand what you personally must do to prepare for this coming transformation; and find out how organizations will coordinate all of the activities of their various divisions.

Ignite the Future II

3:30-4:15 | Union Square 21

Frank Spencer, Founder & Principal, Kedge | Mei Mei Song, Assistant Professor, Graduate Institute of Futures Studies, Tamkang University | Kel Smith, Principal, Anikto LLC | Alisan Atvur, Senior R&D, Innovation Facilitation: Usability Researcher, Novo Nordisk

Fire up your knowledge of future trends with 4 five-minute flash presentations.

GLOBAL ISSUES

SATURDAY

Pixels & Plows *The Future of Food Deserts*

9:00-9:45 | Union Square 19&20

Kel Smith, Principal, Anikto LLC

Food security is a growing dilemma among today's low-access and low-income communities. Poor nutrition literacy, inadequate transportation, and substandard product quality all contribute to the emergence of "food deserts," affecting millions of families worldwide. This presentation will examine the cultural and societal aspects of nutrition literacy, exploring the impact of privatized technology on food quality and distribution. We'll review worldwide case studies in food accessibility, uncovering surprising ways in which tomorrow's digitally interconnected marketplace will bridge the gaps that exist between farm and fork.

Futurists' Views from Around the World

9:00-10:30 | Union Square 1&2

Ibon Zugasti, Partner & Director, Propektiker | Concepcion Olavarrieta, Creator & Editor, FUTURES | Brock Hinzmann, Co-Founder, SME Rapid Prototyping Association | Reyhan Huseynova, Founder & Chairperson, Azerbaijan Future Studies Society | Zhouying Jin, Director, Centre for Technology Innovation & Strategy Studies, Chinese Academy of Social Sciences | Cornelia Daheim, Founder and Director, Future Impacts Consulting | Milan Maric, Managing Director, S&T Montenegro | Nadezhda Gaponenko, Head of Department, Institute for the Study of Science, Russian Academy of Sciences | Blaž Golob, Director, GoForeSight Institute

How do futurists from different continents view local and global future prospects on transnational organized crime, energy, science and technology and education? What is on their minds? As the world continues its accelerating interdependency, futurists are wise to take into account the insights from other futurists around the world. Chairs and Co-chairs of The Millennium Project Nodes from Asia, Europe, Africa, Latin America and North America will share their views about what is important to understand today about the foreseeable local and global future.

Trends and Struggles in Education *The Next 10 Years and Beyond*

10:15-11:15 | Union Square 5&6

Arthur Shostak, Professor Emeritus, Sociology, Drexel University | William Crossman, Founder & Director, CompSpeak 2050 | Marianne Solomon, Executive Director, Future Problem Solving Program International, Inc. | Micaela Ziv, Owner, Ziv Group

This session explores major trends related to educating young people for fulfilling lives in the future, and will discuss a range of issues and the questions they raise, including: online learning, video and voice recognition advances, bilingual education, futuristics in K-12 curricula, vocational as well as academic tracks in high school, and global collaborations among students.

Ignite the Future I

10:15-11:15 | Union Square 3&4

Paul Tinari, Director, Pacific Institute for Advanced Study | Ari Wallach, Founder, synthesis corp. | Fernando Ortega, Associated Professor & Researcher, University of Lima | Ya Tzu Hsueh, Assistant Professor, Tamkang University

Fire up your knowledge of future trends with 4 five-minute flash presentations.

Artificial Intelligence and the Future of Courts

11:30-12:15 | Union Square 5&6

Herb Rubenstein, Founder and CEO, ByTheCourt

The current courts systems around the world are expensive for governments to operate. They are slow, legacy rule bound, not capable of using modern technology to its fullest, and are not capable of responding to societies' needs for dispute resolution. This talk will discuss how the private sector is developing a global jurisdiction by jurisdiction and "pan-jurisdiction" parallel court system that can render decisions in minutes rather than days, months, or years; uses artificial intelligence to render decisions; is housed completely in the cloud using virtual/internet based filing systems and document/evidence review; and will become the preferred method of dispute resolution and litigation in the next 20 years.

Single Actor Terrorism *The Threat of the Lone Wolf*

11:30-12:30 | Union Square 22

Ted Gordon, Co-Founder & Board Member, The Millennium Project | Yair Sharan, Director, TAM-C/FIRST | Simone Di Zio, Researcher in Social Statistics, G. d'Annunzio University | Elizabeth Florescu, Director of Research, The Millennium Project | Aaron Richman, Director for TAM-C Solutions, USA and Israel

Lone actor and SIMAD (single individual massively destructive) terrorists add a new dimension to the security landscape. While the severity of future attacks appears to be growing, so does the potential for pre-detection at research and operational levels, triggering a new kind of arms race. This session will present the results of a study that assessed the potential evolution of lone actor terrorism, a model for mapping occurrences, an assessment of security implications of new technologies, a review of the legal framework and dilemmas, and strategies to address the threats.

Big Data *Trends and Implications*

11:30-12:30 | Union Square 23

Tim Persons, Chief Scientist, U.S. Government Accountability Office | Dave Feinleib, Managing Director, The Big Data Group

21st Century data and analytics (sometimes referred to as "Big Data") is an emerging megatrend of great import to the United States and other countries. In the United States and around the globe, ongoing increases in the scale, scope, and speed of data and information processing, analysis, dissemination, and storage coupled with new ways of pooling, linking, and analyzing these data and information are effecting rapid transformations in government, commerce, transportation, and health care, among other key societal areas. One notable implication of this trend is the increasingly massive amounts of data—and new kinds of data—being collected on individuals. Moreover, the ongoing emergence of the Internet of Things (IoT) - a ubiquitous assortment of connected routine data collection devices whereby the physical world is transformed into a single, massive information system - is expected to further fuel and accelerate these transformations.

Cybercrime 2025 *Threats and Challenges for the Coming Decade*

11:30-12:30 | Union Square 19&20

Richard Yonck, Futurist, Intelligent Future Consulting

The Internet has empowered people as few technologies ever have. Unfortunately this achievement has been paralleled by a startling rise in online crime. The annual global cost of Internet criminal activity is now estimated to be nearly half a trillion dollars and it has been speculated that the world's first online murder is near at hand. This session will explore the broad and extensive range of threats we'll face from cybercrime during the coming decade. The inevitable escalation of this activity will be addressed, including discussion of recent changes in the business models that are driving it. Its relationship to cyberwarfare will also be discussed.

The Future of "Race" *Will the Concept Disappear by the End of the 21s?*

2:15-3:00 | Union Square 3&4

William Crossman, Founder & Director, CompSpeak 2050

By 2199 will we still be using racially-based skin-color labels (black, brown, white, yellow, red) to identify people and societies? Will ideologies and institutions based on those labels still exist by this century's end? Although bio-anthropologists have proven that human skin colors were determined evolutionarily by the climates people lived in, historians have proven that the concept of "race" was created by power elites to define "superior" and "inferior" peoples for the purpose of dividing populations and guaranteeing the elites' rule. Will "race" and its effects prevail or become obsolete and disappear in 85 years?

The Future of Power and Global Governance *States, Non-States, and Super Non-States*

2:15-3:15 | Union Square 5&6

Amy Zalman, President & CEO, World Future Society | Jim Kadtke Expert on Converging Technologies, Center for Technology and National Security Policy, National Defense University | Keith Porter, President & CEO, the Stanley Foundation

This session will outline an ongoing collaboration between the World Future Society, National Defense University, and the Stanley Foundation to generate a new set of diagnostic and prescriptive tools for understanding power in our era and the future. The preponderant language of who acts in the international system — of a state-centric system ringed by non-state actors of various types, and of purely good and purely bad actors—no longer describes adequately how various actors relate, how rules are established or how things get done. As this session will outline, the lack of an adequate and accurate language in the face of a changing context is a primary stumbling block preventing stakeholders in governance from understanding, creating effective coalitions, or shaping intended outcomes as effectively as they could.

Latin America in 2030 and Beyond

2:15-3:45 | Union Square 1&2

Jose Cordeiro, Founding Faculty, Singularity University | Concepcion Olavarrieta, Creator & Editor, FUTURES | Ibon Zugasti, Partner & Director, Prospektiker | Mayra Gomes De Oliveira, Technical Advisor, CGEE Brazil | Clem Bezold, Founder, Institute for Alternative Futures

Science fiction has played a fundamental and highly influential role in the contemporary imagination. It has not only been a platform for collective psychological projections, of fears, fantasies, hopes, and concerns, but has also had a profound and ongoing impact on contemporary visions of the future. In this panel discussion, involving futurist writers who have contributed papers to the recent Journal of Futures Studies special issue on "Futures Studies on Science Fiction," we will not only apply futures studies concepts to understanding science fiction, but will consider what futures studies can learn from science fiction, as well as what science fiction can learn from the professional study of the future.

Global Overview of Challenges and Prospects for Our Future

3:30-4:15 | Union Square 24

Jerome Glenn, Co-founder & Director, The Millennium Project

This session will tour the world's major issues, opportunities and strategies. It will provide a framework to better understand global change and what is strategic for the future of civilization. Worldwide synergies and cross-impacts will be cited among sustainable development, climate change, water, demographics, democratization, ICT, development gaps, health and disease, global foresight and decisionmaking, conflict and security, gender relations, organized crime, energy, S&T, global ethics and education.

Neighborhood Governance A Plan for the Future

3:30-4:30 | Union Square 22

Rick Smyre, President, Center for Communities of the Future | Mike Ribble, Educational Consultant, Manhattan-Ogden School District | John Popoff, Director of Development and Infrastructure, Town of Chestermere | Pam Lung, Senior Civil Engineer, Community and Economic Development Department, City of Livermore

This session will present 21st Century Neighborhood Academies. A 21st Century Neighborhood Academy is a collaborative effort among the Center for Communities of the Future (COTF) and other communities throughout the U.S. and Canada to prepare citizens in local neighborhoods for a different kind of society and economy that will evolve in the first half of this century. 21st Century Neighborhood Academies will emphasize the needs of the present and those of the future in parallel, and build the capacities of individuals and neighborhoods to engage in "transformative change" by introducing the participants to new concepts such as Creative Molecular Economy, 21st Century Learning Innovation Centers, and Mobile Collaborative Governance.

Future of Emergency Services

4:45-5:30 | Union Square 3&

David Daniels, Executive Director, Workforce Safety, Office of Atlanta Mayor Kasim Reed

The escalating cost of fire departments, reduction of fire occurrences and proliferation of automation promise to change emergency services in the United States by 2032. This session will focus on potential scenarios of emergency services that will emerge in the latter half of the 21st century. They may occur primarily through a regional rescue and hazard mitigation organization as a result of the lingering effects of global climate changes, while organizations will serve mega-cities directly and deploy to smaller communities on an as needed basis in driver-less land and pilot-less low altitude aircraft.

Climate Smart Cities Solutions for Climate Change Mitigation and Resilience

4:45-5:30 | Union Square 19&20

Jad Daley, Director, Climate Conservation Program, The Trust for Public Land

This session explores the ways in which current climate related trends are putting cities at particular risk, and poses integrated solutions to create climate smart cities. Increasing urban tree cover and other innovative features like Green Alleys will keep people cooler as temperatures rise and save the 5-10 percent of peak energy use attributable to urban heat islands. Multiple-benefit green investments can offer critical climate contributions, if effectively coordinated with smart built infrastructure investments and enhanced social resilience.

Future of Technological Crime

4:45-5:30 | Union Square 22

Roey Tzezana, Futures Researcher, Yuval Ne'eman Workshop for Science, Technology & Security, Tel Aviv University

This session will present the results of session leaders' recent research about the future of technological crime, which includes expert surveys regarding dates of feasibility for the usage of many disruptive technologies by individuals or crime organizations. It will also present the possibilities for combining several technologies for the creation of a high-damage-potential crime, as calculated using General Temporal Morphological Analysis (GTMA), and several scenarios which were created by science fiction writers, based on the technological combinations suggested by the analysis.

The Future of Blackness in the African Diaspora

9:00-10:00 | Union Square 21

Reynaldo Anderson, Professor, Harris-Stowe State University | Lonny Avi Brooks, Lead Faculty, Long Term and Futures Thinking Project | John Jennings, Associate Professor, Department of Art, University of Buffalo | Andrew Rollins, Reverend, St. James AME

This panel will use Afrofuturist perspectives and communication theory to analyze the rhetorical acts and futures of Africanist diaspora socio-cultural constructs. The participants will focus on how identity is constructed in relation to futures studies, race, sex, gender and sexuality in order to examine how these interactions are inflected by dimensions of power and communication. Finally, the panelists will explore the future and global implications of this emerging cultural logic to the African diaspora and future constructions of "Blackness".

The Post-Job Economy *More Abundant Than You Think*

10:15-11:00 | Union Square 3&4

Clem Bezold, Founder, Institute for Alternative Futures

Mechanization eliminated most jobs in agriculture. Automation continues to eliminate manufacturing jobs. Next, large numbers of knowledge sector jobs, including in education, health care and legal services will be lost to cognitive computing. There will not be enough jobs provide full employment. Yet technologies will allow individuals, households and communities to make, grow, co-produce, and share for much of their needs. 3D printing, distributed manufacturing, nanofabrication, aeroponics and community agriculture, low cost sustainable energy and information access will be the enabling technologies, along with local and national social movements that can lead to abundant and equitable futures. This session will explore the forces and paths to those futures.

Foresight for National Armies *Developing Capabilities in an Uncertain World*

10:15-11:00 | Union Square 1&2

Peter Gizewski, Defence Scientist/Strategic Analyst, Canadian Army Land Warfare Centre

Defense establishments must strive to understand and define how their national security policies and the capabilities that support them will meet future challenges. This session surveys a number of efforts by allied militaries to use foresight to ensure effective national defence capabilities for the future. It then showcases the Canadian Army Land Warfare Centre's Army 2040 project and the foresight methods and techniques used to ensure that Canada's Army will be structured and equipped to quickly and effectively adapt to the future threats and challenges that may lie ahead. The session will highlight the fact that while foresight cannot prevent future developments from surprising us, it can provide greater insurance toward adapting when unexpected events arise.

Regulatory Failure *Strategic Foresight Failure?*

11:30-12:15 | Union Square 22

Richard Dixon, Chief of Strategic Foresight, Alberta Energy Regulator

We live in a regulated world. There are over 5,000 agencies in the US, Canada and UK regulating food, energy, land, water, building construction or transportation (to name a few). There are very few with strategic foresight capacity. This session examines a number of such regulator flaws and failures and the new role that Foresight might play.

Teach the Future *Experiences from the Field*

11:30-12:30 | Union Square 5&6

Peter Bishop, Executive Director, Teach the Future | Katie King, Teacher, South Bay Middle School |

Sam Miller, Associate Professor, University of Notre Dame | Bob Harrison, President, ER Harrison & Associates, Inc. | Uri Avin, Director, Planning & Design Center, National Center for Smart Growth, University of Maryland

Four practitioners who teach the future in secondary school, college, graduate and professional programs and continuing and executive education describe why and how they teach the future in their respective schools and seminars. Presenters will also include students (live or on video) about their experience in learning about the future in their respective classes.

Global Corporation *New and Emerging Challenges*

2:30-3:30 | Golden Gate 8

Robert Salmon, Former Vice Chairman, L'Oreal | Mylena Pierremont, President, Ming Pai Consulting BV | Christopher Cordey, CEO, futuratinow.com | Nanette Connelly-Sistovaris, President, AFC advisory Services SA

During the last decades multinational corporations have principally based their growth on rising middle classes in developed countries. However, today developed economies are moving into a world of extremes of inequality, and in emerging markets, tiny luxury markets coexist with huge low cost markets, de facto, a huge growing middle class is emerging with a dramatic mix of threats and opportunities for key western industries. As a result, the principal challenge today facing multinational corporations in sustaining their growth is how to produce very low cost goods with acceptable quality for this emerging low middle class population.

Acting on the Future *Practical Foresight Implementation in Canada*

2:30-3:15 | Union Square 1&2

John Schmidt, Team Leader, Strategic & Policy-Relevant Analysis, Government of Canada

Four practitioners who teach the future in secondary school, college, graduate and professional programs and continuing and executive education describe why and how they teach the future in their respective schools and seminars. Presenters will also include students (live or on video) about their experience in learning about the future in their respective classes.

Planning for a Postmoney Future

3:45-4:30 | Union Square 3&4

Boyan Ivantchev, Associate Professor, Behavioral Finance, VUZF University

The decoupling of the physical and nominal value of the money and the globalization of the financial system have led to dematerialization of money and the widespread use of e-payments, plastic money, mobile payments, E-money and virtual money (for example, Second Life + Linden Dollars and Bitcoins). This session will seek to explain how the emerging post-money era will affect the human psyche, societies and consumerism.

The Journey to Wellness Via Healthspital 5.0

3:45-4:30 | Union Square 22

Frank Maletz, Founding Managing Partner, Crossroads Orthopaedic Group

Building on the foundation co-created at the last four WFS annual meetings, HEALTHSPITAL5.0+ will search the healthscape for weak signal detection, incubation, and augmentation to further sharpen and refine the journey in health, wellness, and well-being toward a WELLBEINGULARITY- the holarity of prevention, cure of all dys-ease, and wellness in domains from personal to public to population to planetary flourishing in health. Network and halo effects will be paramount.

WFS 2.0 Bridging the Techie, Greenie, and Grumpie Gaps

3:45-4:45 | Union Square 5&6

Michael Marien, Director, GlobalForesightBooks.org | David Harries, Associate Director, Foresight Canada

Upbeat "Techies" pursue innovation and potential profits, and pay scant attention to sustainability issues. Concerned "Greenies" seek sustainable development and/or environmental protection to benefit humanity, while ignoring many tech revolutions now unfolding, other than renewable energy. Critical "Grumpies" worry about growing insecurity: threats from weapons technologies and InfoTech vulnerabilities, and, increasingly, from global warming; also about growing inequality and job loss due to robotics, and issues posing existential risks, such as A.I. and Arctic methane. This session addresses how to bridge gaps between these overlapping, but distinct, populations.

PRACTICUM

SATURDAY

Practical Health and Wellness

9:00-9:45 | Union Square 15&16

Guy Joseph Ale, Founding President, Lifespan Seminar | Teresa Mishler, Marketing & Programming Director, Lifespan Seminar

We have a latent capacity to sense how long we can live. Just as a driver improves control over their car by knowing how much gas is in their tank, so each person gains mastery of their life by understanding the energy in their body. This session will explain the scientific, spiritual, behavioral and evolutionary aspects of our dormant capacity to sense how long we can live. We'll explain how we can use practical daily tools - Body Consciousness Techniques and Self-Management Skills - to help us understand our optimal duration of existence, and apply that knowledge to our everyday life.

The Immortality Game A Way to Explore the New Longevity

10:00-10:45 | Union Square 15&16

Joel Barker, Futurist, Infinity Limited, Inc

Almost every day new research on extending human life makes the news. This presentation will use a game authored by session leader Joel Barker to explore the implications of life extension. Small groups will consider the options and present their constraints on the technology. A vote will be taken to see if the technology should be released. And then a surprise ending will complete the presentation.

Technology Business Trends 2015

11:00-11:45 | Union Square 15&16

Mike Dover, Author, Wikibrands: Reinventing Your Company in a Customer-Driven Marketplace

Big data, wearable computing, crowdsourcing, and the shareable economy - these terms are all in the news, but what do they mean and how can my organization deploy them for competitive advantage? Based on the lessons from *Wikibrands: Reinventing Your Company in a Customer-Driven Marketplace* as well as ongoing cutting-edge research, session leader Mike Dover will describe how technology is changing and separate the hype from the truth.

Texas is the fastest growing State in the Union

12:00-12:45 | Union Square 15&16

Rodney Hill, Professor, Texas AM University-college Station | Jorge A. Vanegas, Dean, College of Architecture, Texas A&M University

Texas is expected to double in population in 35 years, yet state leaders do not know how precisely to provide infrastructure, energy, water and urban planning. There are 630 hospitals, 1.5 millions students in universities, 5,151,000 students in K-12 and in 35 years the number will double. This session will explore the challenges facing one of the largest states in the United States and potential solutions to those challenges.

Designing the Future *Cultivating the Learning Ecosystem*

2:15-3:00 | Union Square 15&16

Katherine Prince, Senior Director, Strategic Foresight, KnowledgeWorks | Jason Swanson, Director of Strategic Foresight, KnowledgeWorks Foundation

This session draws upon insights from KnowledgeWorks' "Building Vibrant Learning Ecosystems" project to imagine what the components of a vibrant future learning ecosystem might look like. Recognizing that a truly equitable learning ecosystem requires a diversity of digital, blended, and place-based approaches reflecting particular geographies and individual learners' needs, this foresight design project approaches possibilities for new local learning ecosystems using adaptive bottom-up design. Participants will engage with this innovative approach to educational futures in an engaging workshop format.

Finding the Essential 'What If's' *A New Approach to Black Swan Software*

3:15-4:00 | Union Square 15&16

Ted Gordon, Co-Founder & Board Member, The Millennium Project

Reviews of past studies of the future, including the RAND 1964 Long Range Forecast, show that most important aspects of the world today were not anticipate. Yet if these discontinuities or "black swans" could be systematically hypothesized, many forecasting techniques could use them including scenarios, Cross Impact Analysis, and other forms of quantitative modeling. Session leader Ted Gordon will describe a systematic way of cataloging and discovering such future discontinuities a priori, in its first public presentation.

Foresight Thinking as a Part of an Innovator's Education

3:30-4:15 | Union Square 19&20

Elena Diryugina, Program Director, Open University Skolkovo

Creating an ecosystem fertile with successful innovations demands foresight competencies among scientists, developers, entrepreneurs and investors. This session describes how the Russia-based Skolkovo Foundation («Skolkovo» is a Russian analogue of Silicon Valley in the USA) uses Foresight as an instrument to help select startups to support, make resource allocations for projects and as a key element of educational programs for young people the Open University Skolkovo.

Five Keys to the Engaged and Innovative Culture of the Future

4:15-5:00 | Union Square 15&16

Carrie Vanston, Vice President of Communications, Technology Futures, Inc.

Experience shows that the companies that establish and maintain innovative cultures are the ones most likely to succeed and thrive. Such companies are constantly looking for the latest emerging trends and incorporate the most relevant ones into their business strategy. Not surprisingly, these companies typically have the highest engagement of their most important resources -- imaginative leadership and the experience and creativity of their employees. This presentation provides five key ways futurists and the organizations they work with can marry the recognition of minitrends -- emerging trends that will soon become important but are not yet generally recognized -- with the creation of an innovative culture that encourages overall satisfaction and increases the organization's bottom-line.

Gender-Specific *The Future of Health Care in the 21st Century*

9:00-9:45 | Union Square 19&20

Jed Diamond, Founder & Director, MenAlive

There are 10 trillion cells in the human body and every one of them is sex specific. Until recently medicine has taken a gender-neutral stance to treating men and women. But that is changing. According to David C. Page, M.D., professor of biology at the Massachusetts Institute of Technology, "We need a tool kit that recognizes the fundamental difference on a cellular, organ, system, and person level between XY and XX. I believe that if we do this, we will arrive at a fundamentally new paradigm for understanding and treating human disease." This interactive presentation will explore the latest research on the emerging field of gender medicine. Participants will leave with a tool kit that will enhance your understanding of sex, gender, and health.

Sustainability and Complexity

9:00-9:45 | Union Square 3&4

David Pearce Snyder, Strategic Futurist

Over the past decade, "sustainability" has morphed from being a futurist buzz-word into a mainstream business strategy. Not surprisingly, firms are finding that achieving an optimal balance of financial success, social outcomes and environmental impacts is a good deal more complex than simply maximizing profits. Similarly, consumers worldwide are increasingly torn between goods and services that offer them the "biggest bang for their bucks" vs. those that are more environmentally and socially responsible. Individuals and institutions are adopting new practices and tools to deal with the complexities inherent in creating a sustainable global civilization.

Journeys in Learning to Create

10:00-10:45 | Union Square 19&20

Ted Kahn, President, CEO, Chief Futurist, & Learning Architect, DesignWorlds for Learning, Inc. | Sherman Rosenfeld, Consultant, Centre for Educational Technology in Israel | Frederick Kaufman, Professor of Composition Emeritus, Florida International University | Kate McCallum, Founder & Executive Director/Principal, Center for Conscious Creativity

Developing creative and lateral thinking, problem solving and design thinking in youth— and encouraging the continued use of these skills and habits of mind— has been a major focus of educators around the globe for at least the past 50 years. However, a major focus of these efforts has continued to be implementing these ideas within formal education in K-12 schools, colleges & universities and similar institutions. This session looks at a number of creative approaches and frameworks to enable what has been called, "self-education, lifelong learning, "andragogy" and learner-centered education and collaboration."

Create a Future Education Model *K-Graduate Programs*

11:00-11:45 | Union Square 19&20

Lynn Nolan, Adjunct Professor, University of Maryland University College | Blanca E. Duarte, Founder, LogicWing

This session will engage participants in creating a "future's education module." Various topics will include: What, When, Where, How, and Why it is imperative for all learners to understand various elements and resources for shaping the future.

Retail Horizons *Envisioning the Future of Retail*

12:00-12:45 | Union Square 19&20

Alisha Bhagat, Futurist & Sustainability Advisor, Forum for the Future

The world is changing rapidly in ways that will have profound implications for the retail sector in the US and beyond over the next 15 years. Retail Horizons, a project led by the Retail Industry Leaders Association (RILA) and Forum for the Future, and sponsored by Target and Unilever – examines the future of retail in the US through 4 scenarios. In this session we will discuss how the scenarios were created and used by retailers as well as participate in a brief scenario immersion and innovation exercise.

The Implications of Counseling 1:1 *Now and in the Future*

2:30-3:15 | Union Square 19&20

Andrew Schreier, Master Facilitator, Explore the Consequences Program | James Schreier, Master Trainer, Strategic Exploration

Individuals of all ages, facing challenging decisions from bullying to drug use to sexual harassment often fail to fully understand the consequences, positive and negative. This session applies a strategic application tool for uses by youth workers, counselors, clergy & professionals who counsel and/or coach individuals one-on-one. The process engages clients to learn a new way of thinking about significant choices that can help them anticipate risk and see opportunity more clearly.

The Digital Paradox *Finding the Balance*

3:30-4:15 | Union Square 19&20

Karl Albrecht, Executive Management Consultant, Coach, Futurist, Lecturer, and Author

The all-pervasive "digital revolution," with its instant data, hyper-connectedness, and dynamic social media, has its zealous promoters and its worried doubters. For every life-changing utopian feature (e.g. life sharing), there seems to be a corresponding dystopian threat (loss of privacy). But many of us are looking for a balanced perspective - a pragmatic understanding of both the benefits and the side effects. In this interactive session, attending futurists will temporarily set aside opinions, convictions, and predictions, and will identify and interrelate the foreseeable payoffs and the imaginable penalties of becoming the digital society.

AUTHORS & BOOKS

SATURDAY

Zombie Loyalists

9:00-9:45 | Golden Gate 6

Peter Shankman, Founder, ShankMinds Business Masterminds

Zombie Loyalists: Using Great Service to Create Rabid Fans. Imagine an army of customers who will do your public relations, marketing and advertising, without being asked, each and every time they give you their money. These are Zombie Loyalists. They are ready to buy what you sell, respond to your email offers and demand that their friends to do the same. So how do you get this rabid following? Most companies still don't realize that a points program or a slew of untargeted emails simply won't do it. With so many products and platforms to choose from, amazing customer service is the only differentiator that will truly put you ahead of your competition.

Change Your Space, Change Your Culture

10:00-10:45 | Golden Gate 6

Rex Miller, Author

Change Your Space, Change Your Culture: How Engaging Workspaces Lead to Transformation and Growth. Written by a team of trail-blazing leaders, this book reveals the secrets of companies that discovered the power of culture and space. With practical tips and implementation details, the book helps the reader see that the workspace is, in fact, a crucial driver of productivity and morale. We all know that design, space, and flow have a powerful effect on the human psyche. Environment can inspire dread or enthusiasm, distraction or focus, collaboration or isolation. If an office is not properly designed, no program, training or rules will be effective over time. *Change Your Space, Change Your Culture* is the practical guide to office space.

Meet the Authors I

12:00-12:45 | Golden Gate 6

Authors TBA

Stop by the Author's Nook to talk with authors of some of your favorite futuristic and forward-thinking books.

Tech and Your Changing Job

11:00-11:45 | Golden Gate 6

Richard Lieberman, CEO, Lieberman Consulting

Your Job and How Technology Will Change It. In the next few years, technology is set to change the way we work beyond recognition. Lieberman explains how every working person in every industry and profession will soon experience profound changes in their work as technology, social networking and virtual communications alter the way jobs have traditionally been performed. Lieberman documents how most people, particularly those over the age of 40, do not fully understand the nature of these changes and are worried about their ability to adapt to future job requirements. Lieberman explains not only what will happen to your job, but more importantly, how you can survive and prosper in the changing work world.

Ageless Nation

2:15-3:00 | Golden Gate 6

Michael Zey | Professor, Montclair State University

Ageless Nation: The Quest for Superlongevity and Physical Perfection. Grounding his speculation in contemporary scientific research, Zey's optimistic vision sees retirement replaced by hiatuses between careers, and leisure time spent in multi-generational homes. Organizations such as the Coalition to Extend Life lobby the government for immortality research funding and find opposition in the President's Council on Bioethics and "deep ecologists" advocating zero-population growth.

AUTHORS & BOOKS

SATURDAY (continued)

SciFi Dialogue

3:15-4:00 | Golden Gate 6

Brenda Cooper, Futurist, Technology Professional, & Science Fiction Author | Ramez Naam, Author

Popular writer and speaker Ramez Naam will read briefly from his newest novel, *Crux*, and then Brenda Cooper will interview him, talking both about the concepts in his novels and about his ideas regarding our shared futures. Ramez is quickly becoming one of the best-known global futurist speakers and a prominent fiction and non-fiction writer.

Warlords, Inc.

4:14-5:00 | Golden Gate 6

Andrew Trabulsi, Author, Warlords, Inc.

Warlords, Inc.: *Black Markets, Broken States, and the Rise of the Warlord Entrepreneur*. Combining path-breaking research and analysis from leading political scientists, advisors to heads of state, and award-winning academics, Warlords, Inc. pulls back the curtain on the secretive world of drug cartels and violent insurgencies, revealing their inner workings and implications for a world driven by unrelenting change and growing political uncertainty. Warlords, Inc. traces the evolution of forces that are reshaping the future of the geopolitical landscape: Mexican drug cartels, revolts in the Middle East and Africa, military conflicts in Eastern Europe, the growth of slums and street gangs in India, and the proliferation of cyber-attacks and drone warfare.

AUTHORS & BOOKS

SUNDAY

Edge of Dark

9:00-9:45 | Golden Gate 6

Brenda Cooper, Futurist, Technology Professional, & Science Fiction Author

Brenda Cooper will read from her most recent novel, *Edge of Dark*, which explores transhumanist concepts. Ramez Naam said the following about her book: "Edge of Dark is bold, immersive, boundary-pushing sci-fi; a new breed of transhuman space opera. It asks all the right questions: What's the line between human and posthuman? How would immensely enhanced creatures treat mere humans? And how would we baseline humans view them—as our successors, our future selves, or our exterminators? Whatever opinion you enter this book with, it'll surprise you. Read it."

Meet the Authors II

10:00-10:45 | Golden Gate 6

Authors TBA

Stop by the Author's Nook to talk with authors of some of your favorite futuristic and forward-thinking books.

New Solutions *How To Win In Every Scenario*

11:00-11:45 | Golden Gate 6

Rom Gayoso, Author

How to Win in Every Scenario: Using Scenario Planning to create win-win solutions in Ukraine and in other complex situations. This book is about a business research technique called "Scenario Planning". Scenarios were originally created in the 1960's for defense purposes; later on they were adopted by private enterprise with exceptional results. Nowadays they are also used for public policy. In this book you will learn the theory behind Scenario Planning, walk through three public policy examples and learn the process steps to build your own scenarios. This book will show you how to use both qualitative and quantitative inputs combined into a method designed to help you envision the future and win in every scenario.

Finding the Future *A Guidebook*

12:00-12:45 | Golden Gate 6

Joel Barker, Futurist, Infinity Limited, Inc

Joel Barker will read a selection from his book. Joel was the first person to popularize the concept of paradigm shifts for the corporate world. He began his work in 1975 after spending a year on fellowship meeting and working with visionary thinkers in both North America and Europe. He discovered that the concept of paradigms, which at that time was sequestered within the scientific discussion, could explain revolutionary change in all areas of human endeavor. In 1980, in addition to his work on paradigms, he began to focus on a second crucial component for organizations and individuals: the importance of vision.

MAKING THE FUTURE HALL

SATURDAY/SUNDAY

The Future of Mental Evolution

SAT: 11:10-11:25 | 11:40-11:55 | 2:10-2:25 | 2:40-2:55 | 3:40-3:55 | Making the Future Hall/Golden Gate room
 SUN: 11:10-11:25 | 11:40-11:55 | 2:10-2:25 | 2:40-2:55 | Making the Future Hall/Golden Gate room
 Lucas Handwerker | Hypnotist, Mentalist, Writer, Speaker, & Explorer of the Mind

Explore the future of mental evolution with TEDx speaker and hypnotist Lucas Handwerker. Up-date your mental software-change limiting beliefs, overcome fears, build Peak states and mental excellence on command, and master your mind and perception of reality. All followed by an intimate Q&A.

The Thing From the Future

SAT: 10:30-11:00 | 12:00-12:30 | 3:00-3:30 | Making the Future Hall/Golden Gate room
 SUN: 10:30-11:00 | 12:00-12:30 | 3:00-3:30 | Making the Future Hall/Golden Gate room
 Stuart Candy, Director, Situation Lab

The Thing From The Future is an imagination game that challenges players to collaboratively and competitively describe objects from a range of alternative futures. Come play with game co-founder Stuart Candy and fellow futurists.

MILLENNIAL & YOUTH ACTIVITIES

SATURDAY

The Future is In Your Hands

9:00-12:00 | Golden Gate 7

Peter Bishop, Executive Director, Teach the Future | Katie King, Teacher, South Bay Middle School | April Dennis, Program Director, Future Problem Solving Program International

Can we shape the future? In this session, students 12-18 years old will explore this question by creating scenarios of the future and developing solutions for emerging issues. Students observe trends and imagine possibilities to create future scenes about how social media, automation and jobs, and sea-level rise might affect us in the future. They will then use these images of a possible future to engage in Future Problem Solving International's process to decide how we can rise to the challenges these issues will bring. Participants will leave this session with a better understanding of how to think about and influence the future.

Cultural Shifts Among Global Youth: Moving From Millennials to the Cybrids of Gen Z

10:15-11:15 | Golden Gate 8

Jared Weiner, Executive Vice President & Chief Strategy Officer, The Future Hunters | Erica Orange, Executive Vice President & Chief Operating Officer, The Future Hunters

For the past five years, Erica Orange & Jared Weiner have covered a wide-ranging list of trends impacting the future of global youth. Based on the popularity of these sessions, they are returning to do a Part VI. Join them again this year as they highlight a critical new demographic group: the Cybrids (their term for Gen Z). How do you ready yourself for this demographic? How do they view the world? And how will they reshape the future? Erica and Jared will answer these questions and more, and delve deep into what makes this generation tick, and how businesses will have to accommodate these new consumers -- and workers -- in the future.

Singularity University

11:30-12:30 | Union Square 1&2

Jose Cordeiro, Founding Faculty, Singularity University | Vijai Anma, Graduate Student, Singularity University | Anielles Guedes, Graduate Student Program, Singularity University | Daniel Pourbaba, Co-Founder, Humin

Join graduate students from Singularity University as they discuss projects in the following areas: education, energy, environment, food, health, poverty, security, space and water. Each project is expected to take advantage of exponential technologies in order to positively improve the lives of one billion people during the next 10 years.

How to Build Utopia *An Exploration and Experiment in 'Rapid Futuring' to Create Action*

11:30-12:30 | Golden Gate 8

Lea Artis, CEO & Chief Alchemist, Katal Artis Labs | Jeremy Pesner, Innovation Specialist & Policy Manager, Office of Information, GSA

How to Build Utopia will grant participants exposure to different methodologies, perspectives, and frameworks for tackling the challenges that stand between us and the world of tomorrow. In this interactive session, participants will focus on different aspects of an ideal society using different futurist methodologies to create utopian futures. Participants will work together in teams, focusing on their areas of interest. By exploring the future, we can influence it, but by imagining the ideal future, we can strive for it.

Student-Led High School Panel

2:15-3:15 | Golden Gate 7

Jennifer Searing, High School Junior, NY | Stephanie Searing, 8th Grader, NY | Joey Kitt, High School Junior, CA | Sanjana Goli, High School Sophomore, CA | Sathvik Balaji, High School Sophomore, CA | Mayer Adelberg, High School Junior, CA | Alexandra (Ali) Osgood, High School Junior, CA | Daniel Adelberg, Recent UCSB graduate

A group of high school students and one recent college grad mentor will discuss proposed alternative possible future solutions to dealing with issues addressed by morning sessions. Topics will be taken from a variety of sources including Future Problem-Solving Program International, Teach the Future, and the Millennium Project's 15 global challenges for humanity. Special emphasis will be on problems chosen from topics including global collective intelligence, social media, free open knowledge resources, cybersecurity, and information privacy.

Best of Houston Foresight

2:15-3:45 | Union Square 23

Andrew Hines, Assistant Professor, University of Houston | Adam Cowart, Senior Planning Manager, Loblaw Companies, Ltd. | Justin Kugler, Graduate Student, Human Space Exploration Sciences, University of Houston | Omar Sahi, Graduate Student of Foresight, University of Houston

This session highlights the best student products from the award-winning graduate program in foresight at the University of Houston. The session will include the best essays, forecasts, scenarios and plans from the next generation of professional futurists.

Cultivating Long Term Thinkers in University Undergraduate Learning

2:15-3:15 | Golden Gate 8

Lonny Avi Brooks, Lead Faculty, Long Term and Futures Thinking Project | Andrea Saveri, Independent Consultant, Saveri Consulting | Stephanie Couch, Executive Director, Institute for STEM Education, California State University East Bay | Judith Green, Co-Director, Center for Education Research, LINC

The work of making theoretical connections to futures studies more visible in higher education, and allied disciplines in the social sciences such as communication, remains an urgent necessity despite the useful work documenting formative connections to education. This session explains how it has adapted Stewart Brand's pace layer model for teaching rates of change to in the classroom and applied this framework for analyzing their own ecosystem for futures studies education.

Fads of the Future

3:30-4:15 | Golden Gate 8

Marianne Solomon, Executive Director, Future Problem Solving Program International | April Dennis, Program Director, Future Problem Solving Program International

During this session students will utilize a brainstorming tool to spark creativity and analyze a future scene on "Fads of the Future" while generating new and creative solutions.

2016

SEE YOU IN WASHINGTON, DC!

Coming summer 2016
Registration opens fall 2015



WORLD FUTURE SOCIETY

