

Eureka! Agenda

October 20, 2015

Southeast Michigan Summit on Eureka
Technologies and the Workforce



AGENDA

8:00 a.m. – 8:30 a.m.

Registration and continental breakfast

8:30 a.m. – 8:45 a.m.

Welcome and introductions

Lisa Katz, Executive Director, WIN

8:45 a.m. – 9:15 a.m.

Labor and economic market trends

Paul Traub, Senior Business Economist, Detroit Office, Federal Reserve

9:15 a.m. – 9:35 a.m.

Future is Here: 3D printing, automation, and electrification in the Local Motors vehicle

Corey Clothier, BD and PM Automated Vehicles, Local Motors

9:35 a.m. – 10:25 a.m.

Leading edge technologies and how they promise to change the world of work and business

John Pyrovolakis, Founder, Innovation Accelerator Foundation

Gregg Garrett, CEO and Managing Director, CGS Advisors LLC

Emily Stover DeRocco, CEO/Principal, E3; Director, Workforce Development, LIFT

10:25 a.m. – 10:40 a.m.

Coffee break

10:40 a.m. – 11:00 a.m.

Detroit Innovation District - Reconstructing Detroit's role as an epicenter for innovation and transformation in Southeast Michigan.

Tom Sherry, Detroit Innovation District Team Lead, New Economy Initiative

11:00 a.m. – 11:50 a.m.

Maximizing the potential for Eureka technologies to transform the economy and ensuring employers have the talent they need for success

Farshad Fatouhi, Dean, Wayne State University College of Engineering

Tracy Pierner, Vice President of Academic Affairs, Henry Ford College

Timothy M. Jackson Ph.D., Executive Director, Secondary Initiatives, Livingston Educational Service Agency, Washtenaw Intermediate School District

Carl Winans, Co-Founder MegaTiny Corporation & Founder Oceanvue

11:50 a.m. – 12:30 p.m.

Close and networking lunch

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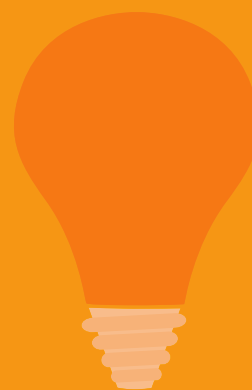
Southeast Michigan Works! Consortium



GST Michigan Works!



EUREKA SPEAKERS



Lisa Katz

Executive Director, WIN

Paul Traub

Senior Business Economist, Detroit
Office, Federal Reserve

Corey Clothier

BD and PM Automated Vehicles, Local
Motors

John Pyrovolakis

Founder, Innovation Accelerator
Foundation

Gregg Garrett

CEO and Managing Director, CGS
Advisors LLC

Emily Stover DeRocco

CEO/Principal, E3; Director, Workforce
Development, LIFT

Thomas Sherry

New Economy Initiative

Farshad Fatouhi

Dean, Wayne State University College of
Engineering

Tracy Pierner

Vice President of Academic Affairs,
Henry Ford College

Timothy M. Jackson Ph.D.

Executive Director, Secondary Initiatives,
Livingston Educational Service Agency,
Washtenaw Intermediate School District

Carl Winans

Co-Founder MegaTiny Corporation &
Founder Oceanvue

Lisa Baragar Katz is Executive Director of the Workforce Intelligence Network (WIN) of Southeast Michigan. WIN is a consortium of 7 Michigan Works! Agencies and 9 community colleges formed to create a comprehensive and cohesive talent system that provides regional employers with the talent they need for success. To help direct their efforts, WIN provides partners with real-time and other labor market information; engages employers through occupational cluster strategies related to information technology, advanced manufacturing, health care, and retail and hospitality; and supports policy awareness and change efforts, with a special focus on career awareness and readiness. In pursuing WIN's objectives, Lisa draws on years of experience working on the formation and implementation of talent-led community transformation efforts. This includes strategies to support job creation, help firms and workers move from declining to growing industry sectors, and enhance workforce-investment system effectiveness. Lisa has supported development of talent-based innovation concepts that have been awarded millions of dollars in federal investment.

Paul Traub currently holds the position of senior business economist at the Detroit Branch of the Federal Reserve Bank of Chicago where his responsibilities include both research and current analysis. Prior to joining the economic research department of the Chicago Fed, Traub was the president of Scenario Economics LLC and senior economist for Americas Commercial Transportation Research Company, LLC (ACT Research).

Traub retired in 2008 from the position of corporate economist with 25 years of service at Chrysler LLC. He worked in Chrysler's corporate economist's office for over 17 of those years where his responsibilities included tracking the economy and forecasting its impact on North American auto sales; supporting new product development; and speaking to auto dealers and numerous professional organizations. His speaking engagements have included the Michigan and Ohio Governors' Councils of Economic Advisors, the Society of Automotive Analysts Automotive Outlook Conference, the Forum on Global Energy, Economy and Security (The Aspen Institute) and the Bear Stearns Global Transport & Logistics Conference.

Corey Clothier, BD and PM Automated Vehicles - Local Motors, specializes in business development strategy for some of the most innovative tech companies (Local Motors) and federal agencies (Department of Defense). He co-developed the US Army's Applied Robotics for Installation and Base Operations (ARIBO) program, which was a featured project of the White House supported Smart America Challenge. Corey's current focus is developing commercial markets for automated vehicles.

John Pyrovolakis is the founder and CEO of Innovation Accelerator, created in 2008 as the private side of a public private partnership with the National Science Foundation. Innovation Accelerator has developed a new innovation model that has been credited in the 2012 PCAST report for attracting \$200M into IA's portfolio of companies.

John also founded the National Innovation Fund (NIF), an early stage venture capital fund with ties to Nebraska. NIF's investors include three billionaires, as well as two Fortune 500 corporations (Mutual of Omaha and Kiewit). Subsequently, John founded the Innovation Accelerator Foundation (IAF), a non-profit organization committed to nourishing innovation beyond the lab. The IAF is home to iBridge, the world's largest university intellectual property marketplace, with over 170 participating universities and 18,000 innovations.

Previously, John worked as a banker for Jesup & Lamont Securities, and did diligence on technology investment targets for large corporations such as Mastercard, Suntrust Bank, and the US Department of Education. John founded Collegescape, an online college admissions system, out of the 1996 MIT Entrepreneurship Competition, and sold it two years later to the Thomson Corporation (TSX: "TOC"), a large multinational conglomerate.

Gregg Garrett, CEO and Managing Director – CGS Advisors, is a senior executive with proven success in developing and implementing corporate strategies, innovation initiatives, marketing campaigns and business development programs. A leader with a natural passion to architect change that improves organizational effectiveness and efficiency. Experience has been gained through operational leadership positions and trusted advisor roles (Big-Four Consulting) at US offices of global multi nationals, in the information technology, automotive, and manufacturing industries. Has focused on establishing new corporate functions/businesses, simplifying complex issues and managing systemic change through strong motivational leadership.

Emily Stover DeRocco, CEO/Principal- E3 & Director Workforce Development - LIFT, is a dynamic, results-producing leader who offers entrepreneurial ideas and strategies to solve complex problems and address economic and workforce challenges. She has demonstrated success in managing public and private sector enterprises and is recognized national expert in economic and talent development strategies.

Her experience includes serving for 7 years as CEO of \$10 billion government agency with national economic impact, CEO for 10 years of \$2 million national trade association representing state employment and workforce interests, and CEO for 4 years of national non-profit 501 (c)(3) serving nation's manufacturers.

Tom Sherry, New Economy Initiative, is an architect, urban designer and creative strategist. He has practiced architecture and urban design for over 20 years, including 16 years at Hamilton Anderson in downtown Detroit where he served as Design Principal and Partner. Tom's planning & design projects have been influential drivers in Detroit's resurgence, including the Detroit School of Arts, the M1/Woodward Development Strategy and the Detroit Future City Strategic Framework.

In 2013, Tom founded the consulting practice 313creative and served as Senior Consultant to the Kresge Foundation, where he was responsible for aligning new investment with the Detroit Future City Implementation Platform. Tom's recent work includes neighborhood capital investment strategies, urban design framework plans and place-based economic development projects including the Detroit Innovation District with the New Economy Initiative. Collectively this work strives to identify need, align resources and activate catalytic outcomes that elevate the quality of life in urban areas.

Tom serves on the national Board of Directors for the Arts Schools Network and the Board of Governors for the Taubman College of Architecture and Urban Planning at the University of Michigan. He is currently serving on the Board of Advisors for the 2016 Venice Biennale of global architecture. A native and resident of Detroit, Mr. Sherry received his BS Arch and MArch from the University of Michigan.

Farshad Fatouhi, Dean, Wayne State University College of Engineering, joined Wayne State University in 1988. Prior to being appointed chair of the Department of Computer Science, he was associate chair from 2000-2004 and a member of the faculty. He received a WSU College of Science Teaching Excellence Award in 1996 and several Best Paper Awards at various national and international conferences. Before joining WSU, he was a faculty member of the Lyman Briggs School at Michigan State University.

Dr. Fotouhi's research interests include Biomedical Informatics, the Semantic Web and Multimedia Systems. He has published more than 180 papers in refereed journals and conference proceedings. His research has been supported by the National Science Foundation, the National Institutes of Health, the National Institute of Drug Abuse, Michigan Life Sciences Corridor, as well as Ford Motor Company and other companies. While at WSU he has secured more than \$9 million in research funding and contributions.

Dr. Tracy Pierner currently serves as Henry Ford College's Vice President of Academic Affairs overseeing all academic programs including the library, faculty development, tutoring, workforce development, and continuing education. He holds a PhD in Technology - Manufacturing Systems from Indiana State University, a Masters degree in Engineering from Case Western Reserve University, and a Bachelor degree in Electrical Engineering from the University of Wisconsin.

Dr. Pierner currently serves on the Board of the Workforce Intelligence Network and Workforce Development Board, State of Michigan Project Lead the Way Executive Leadership Committee, and the business advisory board of the Advanced Technology Academy.

Prior to coming to HFC, Dr. Pierner served as Dean of Technical Education for Aiken Technical College in Aiken, S.C., where he was responsible for Technical Education academic programs and courses and the development of training partnerships with business and industry.

Dr. Pierner entered education as an instructor in Engineering Technology at Northeast Wisconsin Technical College in Green Bay, Wisconsin, where he created an Automation Engineering Technology program and redesigned three other Engineering Technology associate degree program in a flexible and modular delivery paradigm.

Before entering education, Dr. Pierner as an engineer at Rockwell Automation in their Milwaukee, Mequon, Appleton, and Cleveland, Ohio, facilities. Other experiences include engineering consultation with the Research & Engineering arm of Kimberly-Clark Corp. in Neenah, Wis., and serving in the Army Reserves.

Timothy M. Jackson Ph.D. is Executive Director for Secondary Initiatives with professional responsibilities in the Intermediate School Districts in Washtenaw and Livingston Counties. His career is focused on easing the transition from school to career for students and their families while at the same time building a skilled workforce to meet the needs of high skill, high demand, and high wage employment opportunities. To that end, he is a zealot for contextualized learning and the acquisition of core academic skills through their application to real life problems, especially those found in the workplace. Tim started his career working in a hospital laboratory and morgue, applying basic principles of biology and anatomy while assisting the Pathologist performing autopsies; yes, his first job was dissecting dead people for a wage of \$1.60/hour. He holds bachelor and doctorate level degrees from Michigan State University, and his bride of 35 years is employed in a similar position for Clinton County; an occurrence which makes for interesting conversation during evenings and on weekends.

Carl Winans is a designer, strategist and serial entrepreneur with a marketing background and more than a 17 years of experience.

Carl began his career freelancing design while attending Michigan State University and founded RIPE Interactive in early 1998 after graduating with a degree in advertising. In late 2003, he and four friends founded Elemental a small digital marketing agency. Carl subsequently built a network of partnerships and clients throughout Detroit, Chicago and Los Angeles and launched Oceanvue, a marketing and idea development firm, in late 2008.

With Oceanvue growing, Carl launched two new projects and co-founded Rebound, a start-up that helps you remember the web, in 2014 and then a product development company, Mega Tiny Corporation, in early 2015.

Carl's entrepreneurial drive asserted itself during his college career when, by day, he would skip classes to design, print and sell t-shirts out of his dorm and, by night, attend the local comedy club to perform amateur stand-up. He found himself quickly returning to classes, however, when MSU sent Carl a letter stating he couldn't run a business out of his dorm and the comedy club strongly advised him not to quit his day job.



NOTES

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