

Agenda as of 9/12/17

September 28, 2017 | 8:00 a.m. – 4:15 p.m. EST | Gallup World Headquarters

NOTE: Welcome Reception will be held September 27th 5:30p.m. – 7:30 p.m.

Hosted by Florida International University and DLR Group

8:00 am – Continental Breakfast

8:10 am – Welcome

Leslie Cruz, Chief Executive Officer, STEMconnector® and Million Women Mentors

8:15 am – The Occasion

Robert J. Denson, Des Moines Area Community College President and STEM Higher Education Council (SHEC) Chair

8:20 am – Power Talk

Tevin Ali, Florida's Student of the Year, Florida Atlantic University Graduate and Johns Hopkins Graduate School Student in Biotechnology Enterprise and Entrepreneurship

8:30 am – Opening Keynote

Nicole Smith, Chief Economist, The Georgetown University Center on Education and the Workforce

8:55 am – Panel: Unlocking the Power of STEM 2.0 Through Public-Private Partnerships

One way that higher education institutions can further the impact of their programs is through public-private partnerships. Partnerships with industry can provide higher education with valuable resources, experiential learning opportunities, such as internships, service learning programs and undergraduate research opportunities. This panel will provide some real-life examples of innovative partnerships, and discuss how they improve students' education.

Panelists:

- Ingrid Ellerbe, Senior Vice President, Base11
- Kathy Shoztic, Executive Director, Deloitte Foundation
- Stephanie Oppel, Associate Director, Applied Research and National Programs, Robert D. and Billie Ray Center at Drake University
- Walter Cooper, Director, LET US Academy, Tuskegee University
- Dr. Sharnnia Artis, Assistant Dean for Access and Inclusion, University of California, Irvine, The Henry Samueli School of Engineering

Moderated by: Rob Denson, President, DMACC

9:45 am – Panel: Engineering Pathways Through Two Year Colleges (Sponsored by Chevron)

Escalating costs in higher education, as well as an increased demand for a more qualified and diverse STEM workforce have resulted in a renewed focus on effective community college to 4-year university pathways. Community colleges offer a low-cost alternative – about 1/3 tuition cost vs public – to 4-year institutions and allow students to continue living in their communities where they can live and work. In addition, about 50% of students of color start their higher ed career at community college. The community college experience is hardly uniform, however, and students wishing to continue pursue 4-year degrees afterwards may additional resources that many 2-year schools cannot offer. This panel explores some programs that are engaging industry to facilitate a pathway for students to begin a high quality STEM program while at community college and complete a STEM degree at a 4 year institution. In addition to coursework, these programs are helping students explore career opportunities and develop requisite skills to be successful STEM professionals.

Panelists:

- Dr. Molly Beth Malcolm, Vice President of Community Engagement and Public Affairs, Austin Community College
- Cynthia Murphy, Competency Development Manager, Chevron
- Koukari Raymond, Dean of Business and Information Technology, Gateway Technical College
- Dr. Janet Marling, Executive Director, National Institute for the Study of Transfer Students at the University of North Georgia
- Beth Broome, Senior Advisor to the Provost, STEM Strategies, UC-Davis

Moderated by: Ted Wells, Vice President & Chief Strategy Officer, STEMconnector® and Million Women Mentors

10:35 am – Break**10:45 am – Creating and Educating a Growth Mindset**

Dr. Richard Miller, President, Olin College of Engineering

11:20 am – Panel: Innovative Models to Broadening Participation

High impact educational practices should be available to any student, but often for some students, the idea of a quality education seems like an impossible ideal. Innovative institutions are introducing new models for making that ideal a reality. Many institutions are reporting better acceptance and retention rates for students from groups that are normally underserved. Join these practitioners as they discuss currently deployed programs for broadening participation in STEM higher education and industry.

Panelists:

- Neustar
- Errika Mallett, Executive Director, Technology Association of Georgia Education Collaborative (TAG-Ed)
- Dr. Jennifer Grossman, Manager, Corporate Social Responsibility – Business Intelligence, Verizon
- Shannon Holmes, Associate Director, Partner Relations, Year-Up

Moderated by: Johnny Taylor, President & CEO, Thurgood Marshall College Fund

12:10 am – Lunch**12:55 pm – Fireside Chat**

Brandon Busteded, Executive Director, Education & Workforce Development, Gallup

1:45 pm – Panel: The Evolution of the Traditional Student

The “traditional” higher education student has evolved from one who enters directly out of high school, obtains a bachelor-level degree and enters the workforce or pursues further education. In recent years, this paradigm has changed. Today, 38% of undergraduates are 25 or older and 58% work while they are in school, moreover, 26% are raising children. Attempts to attract and retain these students in the STEM ecosystem require that institutions change the way they teach and provide resources for them. This panel will present research-driven institutional models that are meeting the needs of students and, consequently, employers in this changing landscape.

Panelists:

- Rutgers University-Camden
- Lisa Raisor, Director of Curriculum - IT, Western Governors University
- 2U Inc.

Moderated by: TBD

2:35 pm – Science and Art: Mapping Mindsets to your Institutional Brand using Prospective Student Survey Data

Kim Reid, Principal Analyst, Enrollment Management Strategies, Eduventures

3:20 pm – Panel: Novel Approaches for Experiential Learning

STEM, in the real world as practiced by professionals, is about examining, exploring, and solving real life problems. Improvement in STEM education will require educators and students to think more critically and analytically while truly engaged in experiential learning activities. Students in STEM disciplines need to be able to approach problems hands-on with innovative solutions. This panel will provide a blueprint for enhancing student engagement through experiential learning opportunities.

Panelists:

- Crispin Taylor, CEO, American Society of Plant Biologists
- Nick Hansen, Business Development Leader, DLR Group
- Michelle Davis, Chief Marketing Officer, Olin College of Engineering
- Dr. Leslie Flynn, Founder and Director, STEM Innovator, University of Iowa

Moderated by: Adegboyega Akinsiku, Ph.D Candidate in Human-Centered Computing, University of Maryland Baltimore County

4:10 pm – Closing Remarks

Edie Fraser, Founder and Chairwoman, STEMconnector® and Million Women Mentors

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