Pathways to Stem Careers: Strategies for Employment from High School Degree to PhD

Rady School of Management, Multi-Purpose Room 2
Monday, May 6, 2019 | 9:00AM - 6:00PM

YANKELOVICH
CENTER FOR SOCIAL SCIENCE RESEARCH

SCHOLARS
STRATEGY NETWORK
SAN DIEGO
CONFERENCE AGENDA

8:30am – 9:00am
Registration / Continental Breakfast

9:00am – 10:45am
Welcome and introductory group discussion: What is STEM and why should we care?

- Bevlee Watford
  Director, Center for the Enhancement of Engineering Diversity, Virginia Tech
- Susan Yonezawa
  Associate Director, CREATE, UC San Diego
- John Skrentny
  Director, Yankelovich Center and Professor of Sociology, UC San Diego

11:00am – 12:45pm
What are the key decision points and high-impact events that influence pathways through STEM education and into a STEM career?

Presider: Mary Blair-Loy
Professor of Sociology, UC San Diego

- Heather McKay
  Director, Education and Employment Research Center, Rutgers University
- Erin Cech
  Professor of Sociology, University of Michigan
- Hal Salzman
  Professor, Bloustein School of Planning and Public Policy, Rutgers University
- Michael Roach
  Professor of Entrepreneurship, Cornell University

12:45pm – 1:45pm
LUNCH
Conference Agenda

2:00pm – 3:45pm

What role does project-based learning have in STEM students’ college completion and entry into STEM careers?

**Presider:** **Julian Betts**  
Professor of Economics, UC San Diego

**Drew Ceccato, PhD**  
Manager at Skillful; Markle Foundation

**Brie Lindsey, PhD**  
Senior Program Associate, California Council on Science and Technology

**Ed Abeyta**  
Associate Dean for Community Engagement  
Director, Pre-Collegiate and Career Preparations Programs at Extension, UC San Diego

**Jason Owen-Smith**  
Executive Director, Institute for Research on Innovation and Science (IRIS) and Professor of Sociology, University of Michigan

4:00pm – 5:45pm

How does the organization of work in STEM firms influence career choices and persistence?

**Presider:** **Hugo Villar**  
Associate Dean for Professional and Continuing Education, UC San Diego Extension

**Sarah Burns**  
Director of Research and Evaluation, San Diego Workforce Partnership

**Diane Burton**  
Professor, Human Resource Studies, Cornell University

**Ed Hidalgo**  
Chief Innovation and Engagement Officer, Cajon Valley Union School District  
Workforce Development Board for the San Diego Workforce Partnership

**Alison Wynn**  
Diversity & Inclusion Postdoctoral Fellow, Clayman Institute for Gender Research, Stanford University

5:45pm – 6:00pm

Concluding Remarks