Silicon Happy Valley Schedule
October 3, 2017
Nittany Lion Inn, Assembly Room

8:00 a.m.   **Registration**

8:30 a.m.   **Introduction and Logistics**
Chet McQuaide (BS EE '65) and Eric Foreman (BS EE '99)

8:45 a.m.   **Welcome Session**
Thomas La Porta, Evan Pugh and William E Leonhard Chair Professor and Director, School of Electrical Engineering and Computer Science

9:00 a.m.   **KEYNOTE: Dimensions of Disruptive Innovation: Technological, Human and Organizational**
Barry Shoop, PhD, PE (BS EET '80)

10:00 a.m.   **Morning Break**

Session Chair: Jodi Miller (BS CMPSC '88)
10:30 a.m.   **5G is Not Just Another G**
Arnab Roy, PhD (MS EE '04; PhD EE '11)

11:00 a.m.   **What is Intelligence?**
Carl Cotner, PhD (BS Math '85)

11:30 a.m.   **Watson, Artificial Intelligence (AI) and The EdTech Network**
Daren Coudriet (BS Eng '87, MS Eng '92, MBA '91)

12:00 p.m.   **Lunch**

1:00 p.m.   **PANEL DISCUSSION: Early Career Award – Reflections on the Past and Future**
Moderator: Will Tracz, PhD (MS CMPSC '74)

Participants:
Abhradeep Thakurta, PhD (PhD CSE '13)
Assistant Professor, Computer Science, UC Santa Cruz

Daniel Rothrock (BS EE '11)
Electrical Engineer, Bechtel Nuclear, Safety, and Environment

Michael Gildein II (BS CMPSC '09)
Software Engineer, IBM Corporation

2:00 p.m.   **Invited Presentation: Mobile App Creation and Development - What's Poppin**
                Joseph Kitonga (Junior, CMPEN)

2:30 p.m.   **How the Cloud Redefined the WAN**
                Nick Coval (BS CMPSC '01)

3:00 p.m.   **Afternoon Break**

Session Chair: Eric A Foreman, PhD (BS EE '99)

3:30 p.m.   **A Disruptive Solution to the High Performance Computer Problem**
                William C. Cave, PhD (BS EE '60)

4:00 p.m.   **The Future of Implantable and Wearable Technology to Diagnose Heart Arrhythmias**
                Mr. Byron Schneider (BS EE '93, MS BioEng '95)

4:30 p.m.   **PANEL DISCUSSION: Student Panel – First Encounters**
                Moderator: Chet McQuaide (BS EE '65)

                Participants:
                Mark Baron (EE '19)
                Nichole Doherty (CMPSC '18)
                Eric Galante (CMPNG '18)
                Clark Handel (EE '18)
                Jin Lin (CMPSC '18)
                Sparsh Saxena (CMPNG '18)

5:30 p.m.   Student/Speaker/Sponsors Reception Q&A (refreshments)

Further information about the conference is available at: ***www.siliconhappyvalley.org***