



# The Bay Area Science and Innovation Consortium (BASIC): A Regional Collaborative Platform

September 23, 2020 7-7:45 PM EDT

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**Moderator**

Dorota Grejner-Brzezinska  
The Ohio State University



**Jeff Welser**

IBM



# BASIC: Bay Area Science & Innovation Consortium

Jeff Welser, BASIC Chair  
Vice President, Exploratory Science & University Partnerships, IBM Research

Sean Randolph, Senior Director  
Bay Area Council Economic Institute

September 2020





- **Technology powers the Bay Area's economy**, creating industries and producing world-leading companies and products that are changing lives and businesses across the world.
- Much of this growth can be traced to the **region's world-leading scientific research facilities**, including public and private universities, federal research laboratories, and non-profit and corporate laboratories.
- The vitality of this research enterprise is impacted by the **regional, state and national policies and environments that support science and innovation**. **BASIC is the Bay Area's leading voice** on these issues.



- **BASIC is the science and technology affiliate of the Bay Area Council**
  - A collaboration of major organizations in the Bay Area’s scientific research community
  - Facilitates collaboration and addresses key issues and opportunities impacting the region’s research base, and its ability to support technology-led growth
- **BASIC Board of Directors is composed of research leaders** at the region’s universities, its national laboratories, and CTOs, lab directors and head scientists at many of its leading companies
  - BASIC Advisers, a committee of non-research based companies with an interest in science and technology, interacts with the board, providing additional perspective
  - The **Bay Area Council Economic Institute** provides BASIC’s management and research support, to advance the Bay Area’s leadership in science, technology and innovation



- **BASIC provides a forum for the exchange of ideas on regional research priorities, and a platform for public-private collaboration to address them**
  - Works to bring new research activities and initiatives to the region
  - Supports analytical reports and forums frame and address key issues
- External partners look to BASIC as an authoritative resource
  - **A unique public-private membership that can speak with one voice on scientific research and its importance to the economy, transcending the perspective of any one company, institution or industry**



### **Board of Directors 2020**

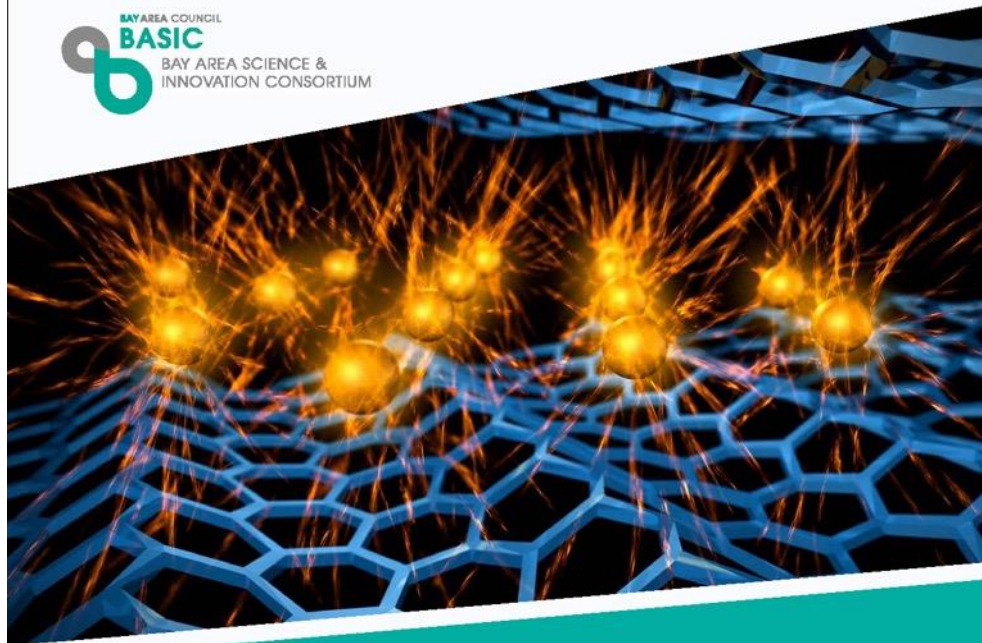
Jeffrey Welsler, PhD: Vice President and Lab Director, IBM – Almaden Research Center (Chairman)  
Arthur Bienenstock, PhD: Special Assistant to the President for Federal Policy, Stanford University  
Scott Brandt, PhD: Vice Chancellor - Research, University of California Santa Cruz  
Poppy Crum, PhD: Head Scientist, Dolby Labs  
Bill Diamond, President, SETI Institute  
William Goldstein, PhD, Laboratory Director, Lawrence Livermore National Laboratory  
Chris Haskell, Vice President and Director, West Coast Innovation Center, Bayer Health Care  
Norbert Holtkamp, PhD.: Deputy Laboratory Director, Stanford Linear Accelerator Center  
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Eric Verdin, MD: President & CEO, Buck Institute for Research on Aging  
Mark Whiteley, Vice President Americas – Strategy, AECOM  
Sean Randolph, PhD: Senior Director, Bay Area Council Economic Institute (Ex Officio)

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Mark Bregman, PhD: General Partner, Quidnet Ventures LLC  
Regis Kelly, PhD.: Executive Director, QB3 Institute, & Distinguished Professor UCSF

### **Adviser**

Tom Kalil, PhD: Chief Innovation Officer, Schmidt Futures; former Deputy Director for Policy, White House Office of Science and Technology Policy



# The Bay Area Innovation System

Science and the Impact of Public Investment

March 2019

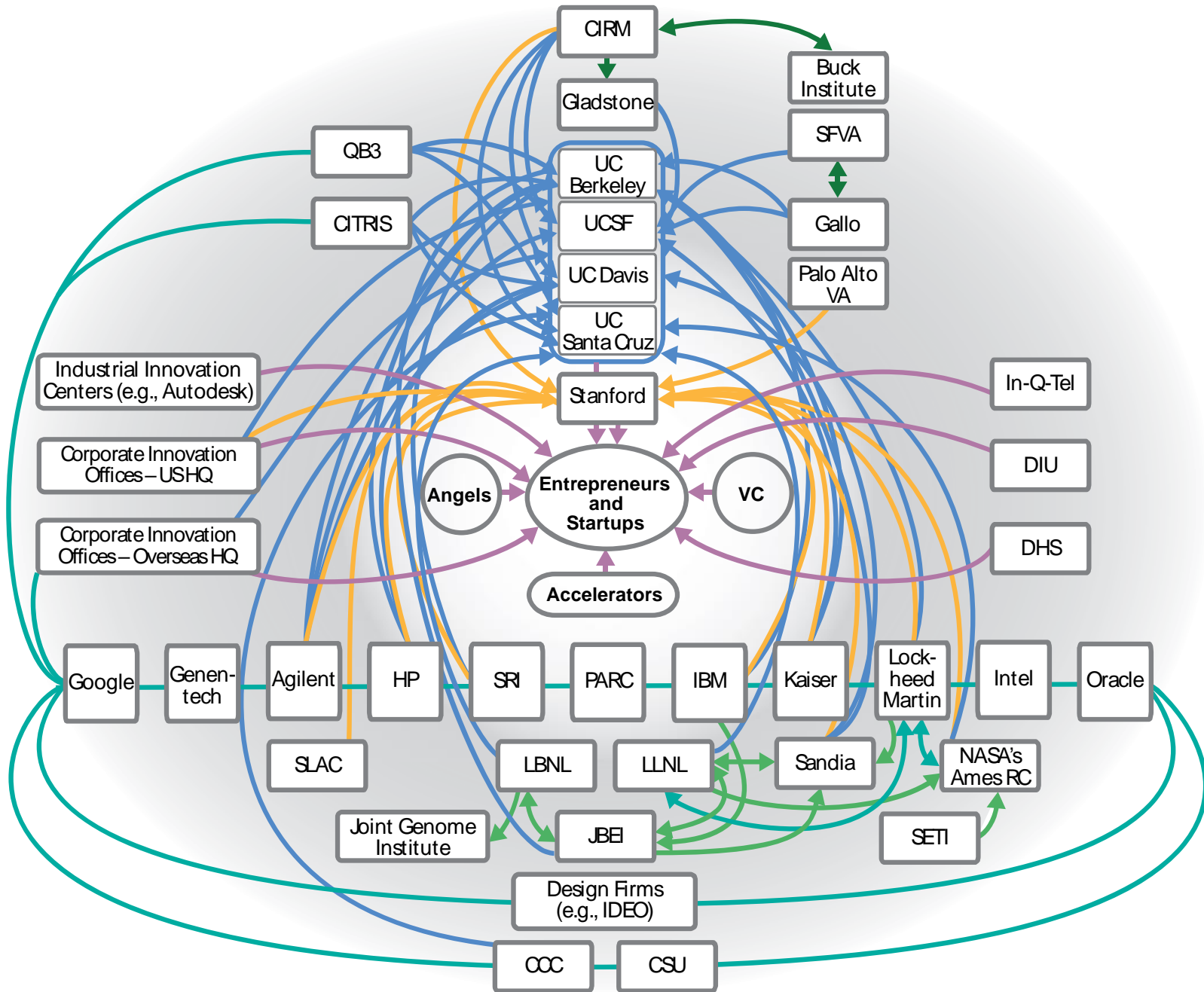
# The Bay Area Innovation System

- An eco-system composed of diverse institutions and actors
- Linked by networks
- Sharing distinct cultural values regarding how value is created





# Representative Collaborative Patterns in the Bay Area Innovation System



# The Bay Area Innovation System: Summary

- **A unique value chain of public and private research institutions, private companies, risk capital, specialized supporting services**
- **Scale and diversity**
- **An expanding system (US and overseas corporate presence growing)**
- **Key is not just the components, but fluidity with which they interact**
- **Few barriers to participation, or movement of information or people**
- **Globally situated: innovation increasingly happens not in isolation but through global networks and partnerships**
- **Global marketplace of ideas**