

As of 4/11/2018 and subject to change

All events at Cisco Systems, unless otherwise noted.

Monday, April 16, 2018	
11:30 AM – 5:30 PM	Workshop Check-In and Registration Building 9 South Entrance
	LUNCH ON YOUR OWN
1:30 PM – 5:30 PM	UIDP Academy Workshops (Additional fee/registration required)
	Strategic Use of Gift Agreements Jordan Elizabeth Adams, UIDP Coleen Burrus, Princeton Foundation Brooke Groves-Anderson, Stanford Damon James, Silicon Valley Community Foundation Jesse Krafft, CAF America Blessing Okorougo, Manager, Corporate Responsibility, Silicon Valley Community Melanie Saldana, Google Gift agreements are a mechanism for industry investments to universities. In recent years, creative approaches for gift agreements to fund university research have been tried. This workshop will consider appropriate approaches for using these agreements and how both parties can benefit from employing gift agreements. Discussion will include consideration of IP, indirect costs, publication, and reporting. Data in Clinical and Non-Clinical Agreements Cakebread & Kistler Elaine Brock, UIDP Brad Fenwick, Elsevier Anna Parks, Cook Medical Eric Giegerich, UC at Berkeley This session will take a broad view of issues related to the use and generation of data in university/industry projects. Issues such as opt-out and broad consents, use of publicly accessible data, and non-human proprietary data exchange will be discussed. Particular attention will be paid to addressing data in industry sponsored and collaborative projects.



Tuesday, April 17	, 2017
7:00 AM – 4:00 PM	UIDP26 Check-In and Registration
8:00 – 11:30	UIDP Academy Workshops (Additional fee/registration required)
8:00 – 11:30	UIDP Academy Workshops (Additional fee/registration required) Emerging Models of Innovation Jordan Barry Johnson, NSF Brad Roberts, Xinova Chris Ramming, VMware Elizabeth Adams, UIDP Kari Roth, Ohio State University Pramod Khargonekar, UC-Irvine Tony Boccanfuso, UIDP Vivek Wadhwa, Carnegie Mellon University Corporations and universities have a shared interest in fostering successful innovations. What have we learned in the last decade on the most advanced and promising models for successful innovations? How can the value of research be maximized by improving the coupling of research to innovation? How can companies and universities work together to jointly optimize the research-innovation ecosystem? This session will highlight several approaches that have been developed by the public and private sectors. Federal Data Rights Cakebread & Kistler Heather Bragg, CMU Elaine Brock, UIDP Robert Hardy, COGR
	This session will cover general federal data characterizations, distinctions, and related rights, data security, and any provisions that would particularly affect university/industry agreements. Key differences between federal agencies will be reviewed. Presenters will dissect the federal provisions to clarify them, suggest scenarios for use of the various provisions, and alternatives that may be available to assist in reaching appropriate agreement for university/industry projects.



Tuesday, April 17	7, 2017
8:00 – 11:30 AM	UIDP Board Meeting Opus Members and invited guests.
11:40 – 11:45 AM	Opening Remarks Vineyards Center Coleen Burrus, Princeton Cary Gooding, Cisco
11:45 AM – 12:15 PM	Keynote Speaker: Vivek Wadhwa Vineyards Center Moderator: Tony Boccanfuso, UIDP Introduction: Dennis Fortner, Carnegie Mellon University Presentation: Vivek Wadhwa, Carnegie Mellon University Vivek Wadhwa is author of "The Driver in the Driverless Car: How Our Technology Choices Will Create the Future" and during his talk, he will consider how astonishing technological advances are arriving in increasing numbers. Breakthroughs such as personalized genomics, self-driving vehicles, drones, and artificial intelligence could make our lives healthier, safer, and easier. But the same technologies raise the specter of a frightening, alienating future: eugenics, a jobless economy, complete loss of privacy, and ever-worsening economic inequality. Importantly, our choices will determine if our future is Star Trek or Mad Max. Three core questions should be asked about every emerging technology: Does it have the potential to benefit everyone equally? What are its risks and rewards? And does it promote autonomy or dependence? Sponsored by Carnegie Mellon University
12:15 – 12:30 PM	Pick Up Boxed Lunch Bldg. 9 Hallway (south entrance)



Tuesday, April 17, 2017		
12:30 – 1:30 PM	LUNCH Annual UIDP Membership Meeting Vineyards Center Members and non-members are welcome to attend. Tony Boccanfuso, UIDP Denise Duane, UIDP Randy Hall, University of Southern California Rebecca Johnston, Puzzlewood Communications Mark Schmidt, Deere & Company Bob Starbuck, UIDP	
1:30 – 2:30 PM	Coast to Coast: Leaders View the Landscape of University-Industry Technology Collaboration Vineyards Center Moderator: Elizabeth Bruce, Microsoft Pablo Debenedetti, Princeton A moderated discussion among leaders at Princeton, Cisco, and Microsoft on the challenges and opportunities for university - industry collaborations.	
2:30 – 3:30 PM	Panel From the White House to Your House: Cybersecurity Policy in the Age of AI and IOT Vineyards Center Moderator: Chip Hay, Princeton Panelists: Ed Felten, Princeton Aaron Kleiner, Microsoft With hundreds of millions of devices joining the Internet and the rapid advancement of Artificial Intelligence, privacy and cybersecurity face a multitude of new challenges. Professor Ed Felten of Princeton University and Aaron Kleiner of Microsoft provide an overview of key issues from the perspective of government, academia and industry.	
3:30 – 4:00 PM	Exploring Knowledge Supply Chains: How patterns in partnerships illustrate technology strategies trends Vineyards Center Anne O'Donnell, UCSD Rob Lowe, Wellspring Worldwide Active co-development partnerships have become a critical source of innovation for companies around the world. Fortunately, these endeavors leave a footprint that enables us to understand both corporate strategies and technical directions. In this seminar, Dr. Robert Lowe will present and explore data on collaborative research programs in autonomous vehicles, graphene, and other technology areas to spark conversation about how incumbents, new entrants, and academic partners fit into these emerging technology landscapes.	



Tuesday, April 17, 2017	
4:00 – 5:00 PM	Buses to Reception
5:00 – 7:00 PM	RECEPTION Silicon Valley Capital Club 50 W San Fernando St. San Jose, CA 95113
5:45 – 6:00 PM	Welcome Remarks Randy Hall, USC Mark Schmidt, Deere & Company
6:00 – 6:30 PM	Reception Keynote Introduction: Coleen Burrus, Princeton Presentation: Alan November, TedX

Wednesday, April 18, 2018	
7:00 AM – 5:00 PM	Registration
7:00 – 8:00 AM	BREAKFAST Bldg. 9 hallway (south entrance)



Wednesday, April 18, 2018	
8:00 – 9:00 AM	First Time Attendee Orientation Cakebread & Kistler Anthony Boccanfuso, UIDP Angie Florentine, UIDP Dennis Fortner, Carnegie Mellon Barclay Satterfield, Eastman
	This session will provide an overview of the UIDP and our operational model. It is recommended that representatives of new UIDP member organizations and all first-time meeting participants attend this informational session.
	UIDP Projects Process & Portfolio Review Vineyards Center Bruce Gingles, Cook Medical Liz Kennell, UIDP Ruben Rathnasingham, UT Austin
	The UIDP and its members invest a great deal of time and resources in developing projects that serve the interests of the members. This session will provide information on the UIDP project process and how members (and others) can propose project concepts for consideration by the partnership. Information will also be given about which projects are convening during tomorrow's Project Working Group meeting and what each working group will do during its session(s).
9:05 – 9:15 AM	Welcome and Day 1 Recap
9:15 – 9:35 AM	Women in Science and Tech (videoconference) Vineyards Center Jennifer Rexford, Princeton
	Professor Jennifer Rexford is a networking expert and Chair of Princeton's Computer Science Department. Dr. Rexford's research examines the most efficient & stable way to transfer information through networks; she has been a key contributor to the Border Gateway and other Internet protocols. In her presentation, Rexford will reflect on the role that industry and academic research has played in her career.
9:35 – 10:05 AM	Corporate Strategic Innovation Vineyards Center Alex Goryachev, Cisco
	Leading in the new digital world means letting go—letting go of end-to-end proprietary solutions, serial development methodologies, and working in silos. That's why we bring our partners and customers closer for joint discovery and co-innovation. We're reshaping and redefining our digital world together.



Wednesday, April 18, 2018	
10:05 – 10:25 AM	Connected Education & Virtual Research Collaboration Vineyards Center Renee Patton, Cisco Lin Zhou, IBM With digital transformation, students can learn more and faculty can research in new ways, in new places, with new connections to resources around the world. Cisco and IBM are leading this transformation and will discuss perspectives. Cisco will start with visionary solutions that enable students to learn without limits: IBM will discuss how education can play an important role in defining a new "data citizenship" that prepares students for the AI economy, in which their personal data is an important commodity.
10:25 – 10:30 AM	Introduction to Breakout Sessions Vineyards Center Liz Kennell , UIDP
10:30 – 11:00 AM	BREAK Bldg. 9 Hallway (south entrance)



Wednesday, April 18, 2018

11:00 – 11:40 AM Breakout Sessions: Part 1

Strategic Engagement: The Partnership Continuum

Silver Oak/Jordan Goran Matijasevic, UCI Deb Stokes, Dell

The UIDP issued the Partnership Continuum report in 2012; based upon feedback from the UIDP community at prior sessions and working events, the UIDP has made substantive updates to the continuum and these updates will be presented tor feedback and input from session attendees.

Value and Use of Template Agreements

Baringer/Camus Charles Adelsheim, Varian Andy Buddell, Vanderbilt

This concept session will explore how template agreements in industry sponsored research could be used and the benefits that they would provide to academia and industry.

Degree Completion vs. Skill Attainment Deep Dive

Cakebread

Facilitator: Lin Zhou, IBM Karen Matthys, Stanford Zohra Yafai, Cisco

What are the practical alternatives to four-year or advanced degrees to prepare students for careers, especially when many companies struggle to find candidates with the most indemand practical skills, especially in technology? This session will explore how companies and universities are facing the issue currently, and what (else) might be done going forward.

Women in Science and Tech

Kistler

Facilitator: Holly Falk-Krzesinski, Elsevier

Serpil Bayraktar, Cisco

Many reports have highlighted the tremendous challenges that women face in identifying opportunities and working in science and for technology companies; paradoxically, technology firms of all sizes have openly expressed their desire to increase the percentage of opportunities for women. This session will discuss contemporary issues and give the perspectives from successful women who possess first hand experiences.



Wednesday, April 18, 2018		
	Technology in Media Opus Yves Bergquist, University of Southern California Michael O'Gorman, Cisco Cisco is helping video service, content, and media providers transform entertainment with Video Aware Networking that enables them to improve operations, experiences, innovation, and security.	
11:45 AM – 12:30 PM	Breakout Sessions: Part 2 Contracting: Contract Accords 16- Software Silver Oak/Jordan Elaine Brock, UIDP	
	The UIDP's first project (Contract Accords) seeks to provide greater understanding to common issues faced when negotiating industry sponsored research agreements. This session will cover Contract Accord 16 Software which is nearing final draft stage. We will review the most recent draft and discuss any issues that require further clarification.	
	New Models for U-I Research Baringer/Camus Dan Kramer, Ohio State Mark Schmidt, Deere & Company	
	Many universities and companies continue to seek new and expanded approaches to U-I research, services, and testing partnerships. This session will seek feedback regarding additional approaches being considered, piloted, and deployed.	



Wednesday, April 18, 2018

11:45 AM - 12:30 PM

Design Excellence in Progressive Delivery Models

Cakebread Praful Kulkarni, AIA, gkkworks; CannonDesign Brad Lukanic, AIA; CannonDesign Eric C. Smith, UC San Diego

Design-build delivery carries with it a team-wide responsibility to gain a full understanding of the owner's intentions and the factors that will drive value into the process and outcome. This panel of experts – an architect, a master builder and an associate vice chancellor – will review how important clearly defined owner goals and objectives are, how design excellence impacts community development and why team members should be mindful of the lasting impact they have on the built and natural environment and the stakeholders who will rely upon their work for generations to come.

Technology in Healthcare

Kistler Marlon Harvey, Cisco Kathleen Richard, Optum Alex Gao, Samsung Kristen Wright, Cisco

Technology (via software, hardware and other means) is playing an increasing to support the globe's healthcare ecosystem. This session will consider how companies are partnering with universities to develop new tools, and how healthcare providers are using technology to advance the human condition.

Pre-Competitive IP Approaches

Opus Kim Jacobs, University of Florida Rick Jacubinas, Solvay

Following the discussion at the 2018 Project Summit in Mobile, the working group will examine different IP terms used for pre-competitive research and the conditions for considering one approach over another.



Wednesday, April 18, 2018	
12:30 – 1:30 PM	LUNCH – Food Trucks Bldg. 9 Parking Lot
1:30 – 2:15 PM	Elsevier & New Jersey Partnership Vineyards Center Moderator: Coleen Burrus, Princeton Eli Khazzam, NJEDA Kelechi Okere, Elsevier Finding streamlined ways to connect companies with university researchers is helpful in fostering an innovation ecosystem. Five NJ research universities and the State of New Jersey have come together to create a web portal that provides information on faculty research, experts, and research facilities. This session will give an overview of the project process, goals, and outcomes.
2:15 – 3:00 PM	Panel University & Industry Researcher Roundtable Vineyards Center Moderator: Jay Walsh, Northwestern Josh Star-Lack, Varian Medical John Zhang, Dartmouth The key players in industry-university relationships are typically the faculty researchers and industry lab leads who are working closely to address issues of mutual interest. This session will bring together academic and corporate representatives who will share their experiences in working at the industry-university interface.
3:00 – 3:20 PM	Givaudan – Company Overview, Collaboration Process, and Flavors Opportunity Areas Vineyards Center Thomas Kirsch, Givaudan Mary Jo Meyer, Givaudan Givaudan is the global leader in Flavors and Fragrances, headquartered in Vernier, Switzerland. Givaudan's membership in UIDP began in 2016, and was initiated by the Flavors Division Science & Technology Team located in Cincinnati, Ohio. Partnering for shared success is a pillar of Givaudan's 2020 strategy. This includes collaborations with suppliers, corporations, start-ups, research institutions and universities globally
3:20 – 3:40 PM	BREAK Bldg. 9 hallway (south entrance)



Wednesday, April 18, 2018

3:40 – 5:00 PM Breakout Sessions: Part 3

Academic and Corporate Career Shifts

Silver Oak/Jordan

Moderator: Mindy Cohen, Higher Talent Facilitator: Dennis Fortner, Carnegie Mellon

Gaylene Anderson, BI Brad Fenwick, Elsevier

Gert Lanckriet, Amazon Music

Increasingly, Individuals with varying job responsibilities (researchers, grants administration, alliance managers) are being recruited by the "other" sector. This session will consider some of the factors to consider when weighing a move as well as candid observations from those who have made the shift.

Maximizing the Impact of Advisory Boards

Baringer/Camus

Joe Jankowski, Case Western

Many universities (as well as companies) strategically use advisory boards to gather business intelligence on how to achieve their research and commercialization goals. This session will consider what topics and issues should be addressed when considering the creation, implementation and effective management of a board. This is a new UIDP project.

Public Dedication IP Models

Cakebread Chris Ramming, VM Ware William Tucker, UC Davis

Alignment on IP issues is critical to the success of university-industry partnerships and can be a roadblock as well as an enabler of collaboration. The Public Dedication IP model is one intermediate point in a spectrum ranging at one extreme from unrestricted independent ownership of IP (which arises from the gift model of funding) to pre-negotiated exclusive licensing terms (e.g., University of Minnesota MN-IP) at the other extreme. The UIDP is nearing completion of a new report that outlines contemporary strategies and approaches for effective use of the Public Dedication IP model.



Wednesday, April 18, 2018	
3:40 – 5:00 PM	Workforce: Mentor Lunch Program Kistler Bob Starbuck, UIDP Mike Walsh, NC State University A program for engaging Business/Industry/Government mentors with student mentees in academe will be presented. As implemented at NC State, this program will be described including an implementation strategy. An additional program will also be presented. myUIDP Live Tutorial Opus Angie Florentine, UIDP The UIDP is launching an online platform to help you get the most out of your membership. You'll be able to tailor your experience and connect to other members, opportunities, activities, and resources that you're interested in. Join Angie Florentine for a live demo and tutorial, and to get started with this new feature-packed tool.
5:00 – 6:00 PM	Buses to Reception
6:00 – 8:00 PM 6:15 – 6:45 PM	RECEPTION Computer History Museum U-I Relations in Japan Tony Boccanfuso, UIDP
	Shigeo Kagami, The University of Tokyo

Thursday, April 19, 2018	
7:00 – 8:00 AM	BREAKFAST Vineyards Center
8:00 – 8:10 AM	Welcome and Day 3 Recap



Thursday, April	19, 2018
8:10 – 9:30 AM	Breakout Part 4
	Maximizing the Outcomes from U-I Visits Silver Oak/Jordan
	Cherrie Hughes, University of Florida
	Company and university representatives typically visit each other when seeking to advance collaborations between the two parties. The UIDP initiated a project in late 2017 and this session will provide an overview of key findings from report.
8:10 – 9:30 AM	BASF's Digitalization in R&D Cakebread
	Brian Standen, BASF
	With the volume of acquired data growing exponentially, the need for meta-analysis across diverse data sets is the reality driving our understanding of the natural world. Coupled with expansions in computing power and advancements in artificial intelligence techniques, the transformative opportunity which digitalization represents cannot be minimized. Increasing our effectiveness, efficiency and innovative power as an R&D organization requires us to build strong collaborations with leading universities and the thought leaders in the digital space. This session will give you an overview of Digitalization in R&D at BASF and invite you to collaborate with us.
	IoT Security, Privacy, & Policy
	Kistler Vyas Sekar, Carnegie Mellon University CyLab Jim Warren, Cisco
	The Internet of Things is adding millions of intelligent devices to the Internet which pose a completely new set of challenges with regard to cybersecurity and privacy. This session will discuss the challenges as well some potential solutions and approaches from a variety of perspectives.
	Up, Up and Away: Higher Education Computing and the Cloud
	Opus Elizabeth Bruce, Microsoft
	Karina Edmonds, Google Shane Knapp, UC Berkeley
	Cloud computing offers numerous potential benefits for university research, administration and teaching. However, as a new, emerging model for higher-education computing, it presents several challenges as well. This panel will explore the promise of the cloud and how universities are overcoming the challenges.



Thursday, April 19, 2018		
9:30 – 10:00 AM	BREAK	
10:00 – 10:25 AM	University Collaboration at Siemens Corporate Technology Vineyards Center Arturo Pizano, Siemens Access to global innovation networks is for Siemens a means of sustaining the advance of technology and safeguarding future business success by developing a broad and innovative high-tech portfolio. Today, innovation emerges increasingly through joint activities with partners in academia. By linking the industrial and academic worlds, Siemens promotes intensive research and recruiting activities. Collaborating with leading universities and research institutes ensures participating in much of the most exciting basic and applied research being conducted around the world. This session will give an overview of the Siemens university collaboration model.	
10:25 – 10:50 AM	Lam Research: Innovation Through Collaboration Vineyards Center Nerissa Draeger, Lam Research Lam Research is a leading provider of wafer fabrication equipment and services to the global semiconductor industry. Diverse applications for mobile, cloud, and performance computing are driving industry growth and creating new challenges for integrated device manufacturers. These challenges provide an opportunity for Lam to differentiate our technology through engagements on early-phase research. This talk will introduce you to how we use academic collaborations to provide strategic value for universities, Lam, and our customers.	
10:50 – 11:30 AM	Ethics and Compliance 2018: A University-Industry Dialogue Vineyards Center Moderator: Jason Meyer, Esq. Ana Andzic Tomlinson, JD, University of New Mexico From #MeToo to campus speech to AI to perceived conflicts of interest, concerns about ethics are now even more a part of daily life at companies, colleges and universities alike. For both sides, this concern is only more heightened when it comes to their partnerships with other institutions. (Who are your partners, and what do they appear to stand for?) In this panel, ethics and compliance professionals from academia and Industry will share their respective points of view and current concerns. The goal is to understand better not just what your partner needs your institution to do, but how it hopes you will do it.	



Thursday, April	19, 2018
11:30 – 11:50 AM	Boehringer Ingelheim: Working Together for Better Health Vineyards Center Gaylene Anderson, Boehringer Ingelheim
	Boehringer Ingelheim is one of the pharmaceutical industry's top 20 companies, and to this day remains family-owned after more than 130 years. Day by day, some 50,000 employees create value through innovation for the three business areas - human pharmaceuticals, animal health, and biopharmaceutical contract manufacturing. In 2016, Boehringer Ingelheim achieved net sales of around \$20B, and invested nearly \$4B to R&D expenditures. Our innovation ambition is demonstrated through our daily work to continuously deliver breakthrough medicines that improve patients' lives. Partnerships between our own team of industry-leading scientists and our growing global community of innovation partners, provide a rich source of discovery and development. This blend of external innovation and internal expertise allows us to incubate the most creative ideas and unlock innovation so together we can improve the health of people around the world.
11:50 AM – 12:20 PM	NSF Collaboration Highlights Vineyards Center Barry Johnson, NSF
	The National Science Foundation is continually evaluating effective strategies (while concurrently seeking new ones) for advancing its mission. Corporate engagement is essential for supporting NSF's traditional work as the prime funder of academic research and this session will cover a few examples of these new approaches.
12:20 – 12:30 PM	Concluding Remarks Vineyards Center Tony Boccanfuso, UIDP Coleen Burrus, Princeton Cary Gooding, Cisco
12:30 – 1:30 PM	LUNCH Bldg. 9 hallway (south entrance)



BM Almaden San Jose, CA 95120 In Winson, IBM It provide their own transportation.
to host UIDP members at the renowned Almaden Research Lab founded in 1956. e of an opportunity to learn about IBM's university programs, as well as recent athroughs. Almaden boasts a rich history of breakthroughs that include the ational database; the ability to position individual atoms; the first data mining to IBM Microdrive – the world's smallest disk drive; racetrack memory; and data storage technology. Today, Almaden's research community focuses on ms across areas as diverse as nanomedicine, services science, atomic scale safety, and medical image analytics.
mation, please contact JoAnnWinson@us.ibm.com.
amsung arch America, 665 Clyde Ave, Mountain View, CA asung aust provide their own transportation. asung Research America representatives and visit their research labs for ducts (e.g. mobile, television, home appliances, etc.). Also on site are projects for enterprise and service business, as well as the largest user prience lab outside of Korea.



Thursday, April 19, 2018 1:30 - 5:30 PM **UIDP Academy Workshops** (Additional fee/registration required) Mechanics of University/Government/Industry Engagement Vineyards Center Elizabeth Adams, UIDP Jeffrey Boyce, SUNYRF Mary Beth Campbell, Caltech Bob Hardy, COGR Barry Johnson, NSF Chris Ramming, VMware This workshop will explore tactical and strategic approaches being used by government to support industry-university collaborations. Among these specific mechanisms are: o Cooperative agreements o Co-sponsorship of open solicitations o Industry-University joint responses to open solicitations This session will also consider best practices for university-industry teaming under government grants and how to address intellectual property (IP) matters.

The UIDP gratefully acknowledges the generous contributions of these sponsors:



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