Audrey's Life Science Meeting Picks for June 14, 2015 – Dec., 2015
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June 14, 2015

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Bio2Device Group, Tuesday Morning, June 16, 2015

Topic: "Augmenting human cognitive capabilities with IBM Watson - a way to the future through the Human-Machine communications"
Speaker: Mike Kuznetsov
Date and Time: Tuesday, June 16, 2015, 8:30 am
Location: Sunnyvale City Council Chambers, 456 West Olive Ave., Sunnyvale, CA
No registration or fees for morning meetings.

Topic Description
The cognitive damage caused by brain diseases and injuries such as Alzheimer's, Parkinson's and Traumatic Brain Injury, cripples individual lives and has a significant negative impact on society as a whole. This presentation will discuss the work of the Cognitive Computing and Artificial Intelligence industry in developing Human-Machine-Interface devices to address this problem, and also the results of some recent IBM Watson applications and case studies. While still early in development, these technologies already allow us to tackle some real clinical problems, such as human cognitive disability.
The presentation will cover:
1) overview of brain-related diseases impact on society
2) list of recent IBM Watson applications and case studies
3) review of HMI-related companies, technologies and researches in process
4) discussion of potential application of these technologies to augment human cognitive capabilities

Speaker Bio
Mike has 15 years of experience in managing software development projects and companies, including startups, small, mid and large ones, and is currently finalizing MBA at HULT International School of Business in San Francisco. Before that he worked at IBM developing its Big Data portfolio business, and now is working on IBM Watson future applications in Healthcare industry as a part of his MBA consulting project.
Mike has MS in Mathematics, Physics and Computer Science from Moscow Institute of Physics and Technology (MIPT), Assistant Professor of Computer Science Chair where he taught for four years; and MBA from Moscow Institute of Business & Economy.
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Stanford Medical School, Wednesday Evening, June 17, 2015

Topic: "The GutCheck - an EKG for the gut"
Speaker: Steve Axelrod, CEO, G-Tech Medical
Date and Time: Wednesday, June 17, 2015, 7:30 PM
Location: Room M-114, Stanford University Medical School
Optional dinner location: Stanford Hospital cafeteria, 6:15 PM (no host, no reservations)

Topic Description

Up to 20% of the population suffers from digestive symptoms such as chronic abdominal pain, constipation, diarrhea, nausea and/or bloating. There is a wide spectrum of possible causes, ranging from life-threatening (colorectal cancer), to serious disease (Crohn's Disease, ulcerative colitis), to so-called "functional" disorders. Most diagnostic testing (colonoscopy, endoscopy, CT scan, MRI) is anatomically based and is effective at finding or ruling out cancer, tumors and inflammatory issues. However over half of these patients have functional issues, those for which there are no visible clues. Things look fine in the anatomic test, but they aren't working fine. The invasive and expensive anatomic tests rule out serious disease but do not tell the physician any more about what is causing the patients" symptoms, leaving both frustrated. There are few true functional tests available, and the ones that exist typically provide only limited information, for brief periods, under rather artificial conditions.
G-Tech's approach measures motor activity of the stomach, small intestine and colon by detecting the electrical signals from the smooth muscles as they contract to mix and propel their contents. This will provide a measure of motility, which is at the heart of functional issues. While considerably smaller than signals from the heart, the low frequency pacemaker signals from the digestive organs can still be measured at the skin surface, completely non-invasively. We are developing an approach to this measurement based on wireless electrode patches that will be worn on the abdomen for several days. The patches will be light, conforming, waterproof and disposable. They will send the raw data to a phone and on to a cloud server where we will process the data and make the results available to the physician for interpretation. The physician will use the information to target their therapy to the specific cause, which may be hyper- or hypo-activity in any one of the organs, dysrhythmia, etc. We believe this entirely new source of data will eventually expand the understanding of GI disorders and enable improved therapies.

Speaker Bio
Steve holds a BS in Physics from UConn and a PhD in Elementary Particle Physics from Yale. He played with technologies like particle detection and fast pulse instrumentation, sub-kelvin cryogenics, superconducting magnets, NMR and ESR, high vacuum systems and data acquisition and analysis. He remembers using Bitnet and Arpanet before there was a WWW, and sending emails to friends working at distant particle accelerators using PDP-10 and VAX terminals.
After graduation he took a postdoc position at Stanford and when that ended refused to leave the Bay Area. The next 15 years were spent at Measurex (later Honeywell) developing on-line measurement systems such as nuclear and X-ray basis weight and thickness sensors, infrared moisture sensors and large electromechanical scanning systems. In 2003 he joined Xoft Inc., a startup developing a 2mm diameter 50kV X-ray source for radiation therapy applications, and has been in the medical device field ever since. He has been CEO of G-Tech Medical since joining the company in late 2011. Steve has been in individual contributor and various levels of management roles, but has never been able to fully break away from the science and technology.

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Deloitte and HBA, Thursday Evening, June 18, 2015

Topic: "Digital Innovations in the Healthcare Ecosystem: The Next Generation"
Speaker: Dr. Harry Greenspun, MD, director of Deloitte Center for Health Solutions
Date and Time: Thursday, June 18, 2015, 5:30 – 8:00 pm
Agenda

5:30 PM - 6:15 PM	Registration and networking
6:15 PM - 6:30 PM	Opening remarks
6:30 PM - 7:30 PM	Speaker presentation

7:30 PM - 7:45 PM Q&A
7:45 PM - 8:00 PM Closing remarks and wrap-up
Location: Deloitte, 555 Mission St, San Francisco, CA 94105
Registration information
Event is open to: HBA members and nonmembers
Online registration deadline: June 10, 2015
Onsite (walk-in) registration: Is allowed

Member rate:
$45 until June 10, 2015
$55 after June 10, 2015

Nonmember rate:
$55 until June 10, 2015
$65 after June 10, 2015
Registration at https://my.hbanet.org/MyHBA/EventDetails.aspx?MeetingID=A6558573-5AF3-E411-B471-0050569C00A7

Topic Description
Dr. Harry Greenspun, MD, director of Deloitte Center for Health Solutions, will present on the digital revolution changing the healthcare landscape today.
Deloitte is pleased to host this very special program featuring Dr. Harry Greenspun, MD, the director of the Deloitte Center for Health Solutions, focusing on the critical issues in the transformation of health care globally. He supports clients across the range of the health care industry, including providers, payers, life sciences, government agencies, medical device, retailers and technology companies.

This evening program will provide opportunities for HBA members and non-members to meet, mingle, and network at Deloitte's offices in downtown San Francisco. The life sciences and health care industry is changing with the rapid expansion of digital and mobile technology; cloud systems that store unimaginable amounts of data; and applications to sort, categorize, and connect that data. What other technology trends are driving innovation and transformative opportunities in the industry? Dr. Greenspun will explore technology trends driving innovation and shaping the dimensions of health. If you want to be at the forefront of the healthcare revolution, this is program not to be missed.

Learning objectives
1. Gain insights into a physician and business leader's perspective on the changing healthcare landscape through first-hand examples and in-depth analysis of the digital revolution in healthcare.
2. Network with HBA members, executive board members, healthcare executives and business contributors

Speaker Bio
As a director with the Deloitte Center for Health Solutions, Deloitte Services LP, Dr. Greenspun serves health care, life sciences and government clients on key innovation and clinical transformation issues. He was named one of the "50 Most Influential Physician Executives in Healthcare" by Modern Healthcare, co-authored the book "Reengineering Healthcare" and has served on advisory boards for the World Economic Forum, WellPoint, HIMSS, and Georgetown Univ. He previously served as CMO for Dell.
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PBSS, Friday Afternoon, June 19, 2015

Topic: "Identification and Monitoring of Impurities and Degradants in drug substances and drug products: Regulatory Requirements, Analytical Strategies and Techniques"
Speakers: Dr. Jim Zhang, Senior Director of Quality Control, Alexza Pharmaceuticals; Dr. Maria Victoria Slva Eipe, Principal Scientist for the Attribute Sciences Department at Amgen in Thousand Oaks, CA and Dr. Christine Gu, Department of Pharmaceutical Science at Genentech
Date and Time: Friday, June 19, 2015, 12:45 pm – 5:30 pm
Location: Crowne Plaza, Foster City, CA

Topic Description
Identification of pharmaceutical impurities is an important activity for developing new pharmaceuticals or modifying existing manufacturing processes. Regulatory requirements define the need to identify unknown impurities present in drug substances or drug products above threshold levels and to assess their safety. Knowledge of how an impurity is generated is key for devising strategies for its reduction or elimination from the final pharmaceutical product.
This workshop reviews the current regulatory requirements for impurity identification, classification, quantitation, and control of various impurities, including degradation products. Strategies for isolation and identification of pharmaceutical impurities are discussed along with the use of various analytical techniques in pharmaceutical impurity identification.
The following topics will be covered:

- Overview of Regulatory Guidances on Pharmaceutical Impurities (Jim Zhang)
- Structure Characterization in Drug Development as Multidisciplinary Approach for Impurity Profile (Maria Silva Elipe)
- Analysis of Impurities and Degradents by Mass Spectrometry (Christine Gu)
- NMR Approaches and Applications to Elucidate Structures (Maria Silva Elipe)

Speaker Bios
Dr. Jim Zhang currently is Senior Director of Quality Control, Alexza Pharmaceuticals in Mountain View, CA. He has extensive experience in leading late-stage drug development, analytical development, quality control, and NDA filings. Before joining Alexza, Dr. Zhang was an Analytical Core Team Lead in Gilead Sciences, Foster City, CA. Prior to Gilead, he was a Director of Pharmaceutical Development, Infinity Pharmaceuticals in Cambridge, MA. From 2000 to 2011, Dr. Zhang was Director of Analytical Development, Affymax Inc., CA. Prior to Affymax, Dr. Zhang worked as a Research Scientist, Analytical Sciences, AstraZeneca, and postdoc in Pharmaceutical Chemistry Department, University of California San Francisco. Dr. Zhang received a Ph. D. degree in Chemistry from University Illinois, Urbana-Champaign with Professor Jiri Jonas.
Dr. Maria Victoria Silva Elipe is currently a Principal Scientist for the Attribute Sciences Department at Amgen in Thousand Oaks, CA. Maria received her Ph.D. degree in natural products chemistry at the University of Malaga, Spain. She moved to industry after being an Assistant Professor of Chemistry at University of San Diego. From 1997 to 2003, she worked for Merck & Co. as NMR spectrocopist for the DMPK department on structural elucidation of metabolites by NMR and LC-NMR, and supported medicinal chemistry. In 2003, she moved to Amgen as NMR leader in structure elucidation supporting drug development projects from early clinical to commercial for small molecules and hybrid modalities under CMC regulatory compliance. Her work ranges from structural analysis of APIs, drug impurities, degradation products, qNMR, No-D NMR, low and high field NMR reaction monitoring, and TD-NMR on formulated APIs. She is also a chemistry instructor for CSU Channel Islands.
Dr. Christine Gu currently is a scientist in the Department of Pharmaceutical Science at Genentech. She is mainly responsible for small molecules structural elucidation and trace-

level genotoxic impurities quantitation on different HPLC/mass spectrometry platforms in the Small Molecule Analytical Chemistry and Quality Control Group. Before joining Genentech, she worked as a senior application scientist in the Demo Lab at ThermoFisher Scientific, where she performed extensive LC-MS method development on a wide variety of applications. Christine got her Ph.D. in Toxicology with emphasis on analytical chemistry from the University of California, Riverside.
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GGPF, Monday Evening, June 22, 2015

Event: Dinner lecture: "Materials for Enabling Nanomanufacturing "
Speaker: Alshakim Nelson, University of Washington & IBM Almaden Research Labs
Date and Time: Monday, June 22, 2015, 6:00 pm; 6:00 PM social hour, 7:00 PM dinner, 8:00 PM presentation
Location: Michael's at Shoreline, 2960 N Shoreline Blvd., Mountain View
Cost: Employed/postdocs: $30 early registration, $35 regular registration
Unemployed/retired/students: $15 early registration, $20 regular registration
Free if you attend just the lectures at 8:00 PM (but please let us know for headcount)
After deadline:
Registration not guaranteed, so contact us
Late fee applies if space available -- $40 regular/employed, $25 unemployed/student/retired

Deadlines for registration:
End of discounted advance registration Monday, June 15, 11:59 PM
End of regular (full-price) registration Friday, June 19, 5 PM

Because we must pay the restaurant for the ordered meal, we must ask no-shows to pay for their reservation.
However, penalty-free cancellations are allowed up until the deadline for reservations (5PM, Friday June 19)

PLEASE NOTE:
We accept cash or checks at the door, but are unable to accept payment by credit card at the event.
You may pay at the door.
Checks may be made to "GGPF"

Register at www.GGPF.org<http://www.GGPF.org>
(Both GGPF attendees and ACS members please use GGPF web page to register for the event)

Topic Description
Nanomanufacturing in the semiconductor industry is driven by our ability to rapidly process and manipulate materials into their required forms. This seminar will highlight some of our work to develop materials for the semiconductor field and beyond. First, core-shell ferrimagnetic nanoparticles (FMNPs) developed for self-assembled magnetic storage media will be presented. While FMNPs are susceptible to magnetically induced aggregation, nanoparticles coated with a diblock copolymer are stable in solution and can easily be processed as thin films. As a result, these core-shell particles are suitable for investigating self-assembly processes for creating prototype magnetic media. Next, a simple and facile strategy for high-throughput directed self-assembly of nanoparticles on lithographically

defined substrates via spin-coating will be presented. The two-dimensional arrangements of nanoparticles were formed deterministically in just 30 seconds by the strategic placement of topographical features on a substrate. Finally, the integration of dynamic covalent chemistry into nanoimprint lithography will be discussed.

Speaker Bio
Dr. Nelson completed his undergraduate studies in chemistry at Pomona and received his Ph.D. in organic chemistry from UCLA, where he studied carbohydrate-containing polymers and macrocycles with Prof. J. Fraser Stoddart. He was then an NIH postdoctoral fellow at CalTech working for Prof. Robert Grubbs on olefin metathesis catalysts for the formation of supramolecular ensembles. Dr. Nelson joined IBM Almaden Research Center in 2005, where he focused on synthesizing building blocks that enable large area nanomanufacturing via self-assembly. His research interests also include silicon-based polymers for lithographic applications, magnetic nanoparticles, directed self-assembly of nanoparticles, and hydrogen bonding block copolymers. Dr. Nelson has over 40 publications and 11 issued patents, and in 2011 he was designated as an IBM Master Inventor. In 2012, he became manager of the Nanomaterials Group, which includes the Synthetic Development Lab. Dr. Alshakim Nelson will join the chemistry department of the University of Washington in the 2015-16 academic year. His research will focus on the synthesis, characterization, and patterning of polymeric and supramolecular materials for the bio-interface.

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Bio2Device Group, Tuesday Morning, June 23, 2015

Topic: "Sports Analytics & the Future of Wearables"
Speaker: Avery Lu, Co-Founder & CM), Palo Alto Scientific
Date and Time: Tuesday, June 23, 2015, 8:30 am
Location: Sunnyvale City Council Chambers, 456 West Olive Ave., Sunnyvale, CA
No registration or fees for morning meetings.

Topic Description
Over the last few years, much has been hyped about IoT, as well as wearable technology, and how it can benefit human kind in the years to come. However, up to now, most health & fitness wearable offerings still provide only basic descriptive information about user's steps, weight and calories, without critical predictive or prescriptive feedback on how to improve the human condition and augment people's lives. Today's speaker will share his experience and perspective on what the sports wearable future looks like within the context of properly combining sports science, wearable technology, data analytics and machine learning to empower everyday people to participate in sport science in order to improve their technique to achieve optimal performance with minimal pain and injury.
The full potential of wearable technology has yet to be realized. And the key to making wearable devices successful and their rate of adoption ubiquitous is in the quality of the analytics they can deliver thru finely-tuned data mining, data aggregation and machine learning. Not to mention that wearable devices must fit their use case; be offered in least intrusive form factors, consume less power and integrate seamlessly into the user's daily lifestyle.

Speaker Bio
Avery Lu, is Co-founder & Chief Marketing Officer (CMO) at Palo Alto Scientific, Inc., a wearable tech company whose disruptive profileMyRun™ smartphone app + shoeSensor™ system enables runners to improve their running technique in real time leveraging the company's patented forceSense™ & machine-learned app technologies. The company's goal

is to "Bring Sports Science to Everyone" integrating Sports Science, Data Analytics, Wearable Technology and the IoT.
Mr. Lu also serves as an advisor to early stage IoT & wearable technology startups, an Entrepreneur-in-Residence for F50 - a co-investment platform for startup founders and investors and has organized large industry symposiums, keynoted at various conferences, and been quoted in market research reports on IoT & Wearables.
Avery has 20 years of experience in Silicon Valley's high tech/semiconductor industries, in various roles of Business Development, Segment Marketing, Product Marketing, Global Account Management & Field Applications Engineering for companies like NXP, Infineon & Toshiba, responsible for Digital, Analog & Mixed-signal technologies in the following vertical markets: mobile, tablet, consumer electronics, computing, industrial, automotive & medical.
Mr. Lu serves as BoD for CASPA (Chinese American Semiconductor Professional Association) and is this year's Executive Director of Business Development & Entrepreneurship, Chair of IEEE Consumer Electronics Society in Silicon Valley & BoD for Santa Clara University Alumni Association Board.
Avery holds a B.S. in Electrical Engineering from Santa Clara University and a Marketing Management Certificate from the University of California at Santa Cruz.

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Rosenman Institute, Wednesday Afternoon, June 24, 2015

Topic: "How Precision Medicine is Transforming Medical Devices"
Speakers: Zachary Bogue, Co-Managing Partner, Data Collective; Edward Chang, MD, Professor in Residence, Neurological Surgery & Phy6siology, UCSF; Christine Leong Connors, Managing Director, JPMorgan Chase; Eric David, MD, JD, Chief Strategy Officer, Organovo; Regis Kelly, PhD, OBE, Special Advisor to the President on Innovation and Entrepreneurship, University of California, and Director, QB3; Richard Klausner, MD, Senior VP and CMO, Illumina; Juan-Pablo Mas, Partner, Action Potential Venture Capital; Casey McGlynn, Partner, Wilson Sonsini Goodrich & Rosati; Campbell Rogers, MD, CMO, Heartflow; Bruce Rosengard, MD, PhD, CTO, Global Surgery, Johnson & Johnson
Date and Time: Wednesday, June 24, 2015, 1:00 to 5:30 pm
1:00-1:30 Registration
1:30-1:45 Welcome: Reg Kelly, PhD, Director, QB3 and Christine Leong Connors, Managing Director, JP Morgan Chase
1:45-2:10 "The Transformation of Medicine by Next Generation Sequencing": Richard Klausner, MD, Senior Vice President & Chief Medical Officer, Illumina
2:10-2:35 "Triple-Aiming at Coronary Disease: Bringing Software and Big Data to Bear on a #1 Killer": Campbell Rogers, MD, CMO, HeartFlow
2:35-3:00 Break
3:00-3:25 "Devices to Help Patients Unlearn Neuropsychiatric Conditions": Edward Chang, MD, Associate Professor in Residence of Neurological Surgery and Physiology, UCSF
3:25-3:50 "3D Bio-Printing: Enabling Functional, Architecturally Correct Human Tissues for Research and Treatment": Eric David, MD, JD, Chief Strategy Officer, Organovo
3:50-4:20 Break
4:20-4:25 Presentation of the Rosenman Innovation Awards
4:25-5:25 Panel discussion: "Technologies of Interest to Investors in the Near Future," moderated by Casey McGlynn, Partner, WSGR. Featuring Zach Bogue, Co-Managing Partner, Data Collective; Juan-Pablo Mas, Partner, Action Potential Venture Capital; Bruce Rosengard, MD, PhD, Chief Technology Officer, Global Surgery, Johnson & Johnson
5:30-6:30 Reception
Location: Byers Auditorium, Genentech Hall, UCSF Mission Bay
Fees: Free

Register at https://www.eventbrite.com/e/how-precision-medicine-is-transforming-medical-devices-the-2nd-annual-rosenman-institute-symposium-tickets-16718984934?mc_cid=42f4aa1210&mc_eid=cb4c38a44a

Topic Description
Precision medicine is transforming the field of medical devices. How can engineers, investors, clinicians, and medical device professionals anticipate the future? Our June symposium brings Bay Area stakeholders together to share insights and discuss how entrepreneurs can bring new technologies to market for the benefit of patients.

Speaker Bios

Zachary Bogue is co-founder and managing partner of Data Collective, a venture capital firm investing in innovative entrepreneurs building big data, deep compute and IT infrastructure companies, with a particular interest in companies that apply big data technologies to disrupt deep industry verticals like synthetic biology, precision agriculture and genomics. Data Collective has invested in companies like Planet Labs (where Zack is on the Board), Zymergen, Whole Biome and Transcriptic. Zack has over a dozen years of experience in Silicon Valley as an entrepreneur, lawyer, angel investor and advisor for big data startups. Zack also is a cofounder and managing partner of Founders Den, a co-working space and clubhouse for experienced technology entrepreneurs. As an angel investor, he has invested in Uber, Square, AngelList and Docker. Previously, Zack cofounded Montara Capital Partners, a real estate private equity fund, where he was the managing partner. He was previously an associate at Wilson Sonsini Goodrich & Rosati and a law partner at Virtual Law Partners. Since 2003, Zack has served on the board of the East Palo Alto Charter School, a top-performing K-12 charter school. Zack also serves on the boards of the Tipping Point Community and the Fine Arts Museums of San Francisco. Zack graduated with honors from Harvard University in Environmental Science and earned his JD with honors from Georgetown Law School, where he was executive editor for The Tax Lawyer. Follow him on Twitter at @zackbogue.

Edward Chang, MD
Edward Chang, MD, is an Associate Professor of Neurological Surgery and Physiology at UC San Francisco. Dr. Chang specializes in functional neurosurgery, with particular expertise in the treatment of refractory seizures, cranial nerve disorders, and brain tumors. His research focuses on the discovery of higher-order neurological function in humans, such as language processing. Dr. Chang is Co-Director of the Center for Neural Engineering & Prostheses at UC Berkeley and UC San Francisco. He is principal investigator of the DARPA SUBNETS project to develop advanced therapies for neuropsychiatric conditions. He is recipient of the NIH Director's New Innovator Award, NIH Pathways to Independence Award, Klingenstein Fellowship, McKnight Foundation Award, and Young Investigator Award from the American Epilepsy Society. Dr. Chang is a New York Stem Cell Foundation- Robertson Fellow.

Christine Leong Connors leads a team of professionals in San Francisco and Silicon Valley who provide wealth management opportunities to individuals and families. With over 15 years of experience in wealth management, Christine is skilled at identifying sophisticated, tax-efficient planning strategies for holding and investing wealth, with specific experience in advising private company executives and entrepreneurs prior to an IPO or sale.

Eric David, MD, JD,
Dr. David has more than 15 years of experience in biomedical research and product development. He played a critical role in the commercial translation of 3D bioprinting as a founder and early director of Organovo, Inc. Dr. David was most recently associate partner

at the consultancy McKinsey & Company, where he served private equity, pharmaceutical, biotech, diagnostic, and medical device clients to support pipeline and R&D strategy, as well as market entry strategy. Prior to his time at McKinsey, Dr. David served as a freelance consultant to the Department of Health and Human Services in the use of genomic technologies for early detection of pathogens for public health preparedness. He completed his residency in Internal Medicine at New York Presbyterian Hospital, where he served as Assistant Chief Resident and received the Dick Bowman Award for scientific endeavor and dedication to patient care. He was also Assistant Professor at The Rogosin Institute, adjunct faculty at The Rockefeller University, and a lecturer in Medicine at Weill Cornell Medical College. He received his M.D. from Columbia University College of Physicians and Surgeons, his J.D. from Columbia University School of Law, and a B.A. in Physics and Fine Arts from Amherst College. He is board certified in Internal Medicine and admitted to the Bar in New York State.

Regis Kelly, Ph. D.
Prior to joining QB3 in 2004, Regis Kelly served as executive vice-chancellor at UCSF; he oversaw the UCSF research enterprise and was also responsible for construction of the new Mission Bay campus. He was chairman of the Bay Area Scientific Innovation Consortium and has served on the boards of the Malaysian Biotechnology Industry Advisory Board, the Scleroderma Research Foundation, and Bridge Pharmaceuticals. He is an advisor to the Thailand Bionanotechnology Institute, Ho Chi Minh City Biotechnology Department Corp., University of Oxford Systems Biology Program, and the San Francisco Mayor's Biotechnology Advisory Group. He joined the UCSF Department of Biochemistry in 1971 and has served as director of the Cell Biology Graduate Program, director of the Hormone Research Institute, and chair of the Department of Biochemistry and Biophysics. He earned an undergraduate degree in physics from the University of Edinburgh and a PhD in biophysics from the California Institute of Technology.

Richard Klausner, MD
Richard Klausner joined Illumina as Chief Medical Officer in September 2013. Rick is responsible for Illumina's strategies for advancing genomics into clinical medicine and public health. He is also part of Illumina's executive management team, which is responsible for directing all aspects of company strategy, planning and operations.

Prior to joining Illumina, Rick was managing partner of the venture capital firm, The Column Group. Previously, he held roles as Executive Director for Global Health at the Bill and Melinda Gates Foundation and as the eleventh director of the National Cancer Institute between 1995 and 2001. He has served as chief of the cell biology and metabolism branch of the National Institute of Child Health and Human Development, as well as a past president of the American Society of Clinical Investigation. He also has been Chairman of the National Science Education Standards Projects of the National Academy of Sciences.

Rick currently sits on the board of Juno Therapeutics. He is also the Chief Strategy Advisor for USAID. Previously, he was Chairman of Audax Health, as well as chaired the International Advisory Board for Samsung Medical and the Strategic Oversight Council of Sanofi. He is a member of the National Academy of Sciences, the Institute of Medicine, and the American Academy of Arts and Sciences. Rick holds an M.D. from Duke Medical School.

Juan-Pablo Mas
Juan-Pablo is a partner at Action Potential Venture Capital in Palo Alto, CA, and invests in companies that are pioneering bioelectronic medicines and neuromodulation technologies. Juan-Pablo was previously an investor at Lightstone Ventures and Morgenthaler Ventures, where he focused on therapeutic medical devices, mobile health, and biopharmaceutical

investments. There he served as a Board Observer at various portfolio companies, including Ardian, Twelve, Holaira, Miramar Labs, Cabochon Aesthetics, SetPoint Medical, and Relievant Medsystems.

Prior to investing, Juan-Pablo led efforts in R&D and Strategy in Medtronic's CardioVascular Division, including Pipeline Strategy, White-Space exploration, Business Development, and M&A integration efforts. He was named "Medtronic Inventor of The Year" in 2008, and has 30+ patents, granted or pending. Juan-Pablo also launched Effient (prasugrel) during his tenure on the Global Brand Strategy team at Eli Lilly & Co.

Juan-Pablo earned an MBA from Stanford Graduate School of Business. He also conducted research in the Neurology Department at Stanford Hospital, while completing an M.S. in Electrical Engineering at Stanford University. There he worked on biometric signal processing applications such as neural-prosthetics, and EMG-driven feedback systems, and improved ICD algorithms.

Juan-Pablo currently serves on the Board of Directors of the Boston-based non-profit, InnerCity Weightlifting.

J. Casey McGlynn
J. Casey McGlynn formed the Life Sciences Group at Wilson Sonsini Goodrich & Rosati in 1990. It is a nationally recognized practice representing startups and emerging growth companies in the life sciences field--Medical Devices, Digital Health, Diagnostics and Biotechnology. Mr. McGlynn has formed, sold and taken public many of the most important medical device companies formed during the last 30 years. Mr. McGlynn has extensive hands on experience in helping entrepreneurs form, build, fund and sell their companies. He has built close working relationships with an unparalleled list of entrepreneurs, doctors, investors, engineers and managers in the life sciences field. Through his portfolio of companies he has met and negotiated with the leaders of all of the major Medtech acquirers. Mr. McGlynn was a founding member of BIO and served on the Emerging Company Board of BIO for over a decade. Mr. McGlynn currently serves on the Medical Device Manufacturers Association, a Washington trade organization focused on issues of importance to the biomedical industry. Mr. McGlynn is also a founder and director of Life Science Angels. Since 2005 LSA has invested over $40 million in more than 50 life science companies that have received in excess of $500 million of follow-on funding. Mr McGlynn is a frequent speaker at biomedical industry events.

Campbell Rogers, MD, CMO
Dr. Rogers brings a wealth of experience to HeartFlow, where he serves as the Chief Medical Officer. Prior to joining HeartFlow, he was the Chief Scientific Officer and Global Head of Research and Development at Cordis Corporation, Johnson & Johnson, where he was responsible for leading investments and research in cardiovascular devices. Prior to Cordis, he was Associate Professor of Medicine at Harvard Medical School and the Harvard-M.I.T. Division of Health Sciences and Technology, and Director of the Cardiac Catheterization and Experimental Cardiovascular Interventional Laboratories at Brigham and Women's Hospital. He served as Principal Investigator for numerous interventional cardiology device, diagnostic, and pharmacology trials, is the author of numerous journal articles, chapters, and books in the area of coronary artery and other cardiovascular diseases, and was the recipient of research grant awards from the NIH and AHA. He received his A.B. from Harvard College and his M.D. from Harvard Medical School.

Bruce Rosengard

Bruce R. Rosengard is the Chief Technology Officer for Global Surgery. As the senior medical scientist in the Global Surgery Group, he is responsible for providing medical scientific oversight into the innovation efforts of the Global Surgery Group. In this role, he is responsible for creating and executing a device innovation strategy. Externally, his team will identify emerging surgical trends and novel technology platforms with the goal of bringing innovative device solutions in the surgical and interventional spaces into the Global Surgery Group's portfolio. Internally, he and his team will advise R&D teams that are developing device solutions to organ-specific or disease-based illnesses.

A cardiothoracic surgeon and NIH-funded scientist, Dr. Rosengard previously served as Vice President, New Business Ventures for The Medicines Company, where he played a pivotal role in several major acquisitions that have expanded the Medicines Company's Surgical and Perioperative Care franchise. Before joining The Medicines Company, Bruce was the Surgical Director of Cardiac Transplantation at Massachusetts General Hospital and on the faculty of Harvard Medical School. In addition to leading the clinical program, he ran an NIH-funded laboratory in transplantation immunology. Prior to this, Dr. Rosengard was the inaugural British Heart Foundation Professor and Chairman at the University of Cambridge, where he pioneered "beating heart" transplantation. Bruce started his career at The University of Pennsylvania, where he performed the first combined heart-lung transplant at the institution, described a novel cellular mechanism responsible for triggering of transplant rejection, and patented a stem cell-based therapy to treat congestive heart failure.

Bruce was graduated summa cum laude from Tufts University with a double major in Biology and Chemistry. He obtained his MD degree from John Hopkins, where he also completed his postgraduate training in general surgery, cardiothoracic surgery, and surgical critical c fellowship in transplantation immunology at the National Cancer nstitute. Bruce has authored more than 80 peer-reviewed publications, has given more than 40 invited talks at national or international meetings, and has served on the Boards of several professional societies.

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BioScience Forum, Wednesday Evening, June 24, 2015

Topic: "The CRISPR/Cas9 Genome Editing Revolution"
Speaker: Jacob Corn, Ph.D., Scientific Director, Innovative Genomics Initiative, UC Berkeley
Date and Time: Wednesday, June 24th, 2015, 6:00 – 9:00 pm

6:00 PM - networking
7:00 PM - dinner
8:00 PM - presentation

Location: The Holiday Inn, 275 S Airport Blvd, South San Francisco, CA 94080
Fees:

$50 before 9PM, Monday, June 22nd
$60 on-site
$40 full-time students pre-registration
$50 full-time students on-site
$3 service fee will be added to the pre-registration price
Register at www.biosf.org

Topic Description
The recent development of CRISPR technology for targeted genomic editing may enable disruptive advances in biology and medicine in a very short time frame. Derived from viral-mediated defense systems, Cas9-mediated genomic engineering together with rapidly

developing synthetic biology tools are applicable to model systems, plants, animals, and even human cells.

It is now possible to introduce mutations to evaluate gene function, generate models of human genetic disease, perform gene correction, chromosomally integrate synthetic gene networks that perform complex regulatory functions, and redesign genome structure or build whole genomes from scratch. In the near term, gene editing could revolutionize the way preclinical research is carried out, enabling custom-designed safety models (e.g. humanized rats), highly engineered cell lines to meld target and phenotypic screening, and synthetic systems for enhanced drug production. In the longer term, precise replacement of one sequence with another holds promise as a therapeutic application in diseases such as muscular dystrophy and severe combined immunodeficiency. Dr. Korn will discuss how CRISPR-Cas9 was discovered, how it was turned into a gene editing technology, recent results uncovering mechanisms by which cells repair Cas9-induced DNA breaks, and will introduce a clinical project in hematological disease.

Speaker Bio
Jacob Corn received his PhD in the lab of James Berger at University of California, Berkeley, where his work helped redefine the organization of the bacterial replication fork and he was awarded the Nicholas Cozzarelli and Harold M. Weintraub graduate student awards. As a Jane Coffin Childs postdoctoral fellow with David Baker at the University of Washington, he computationally designed protein-protein interactions from scratch as part of a team that developed the first bipartite synthetic interaction pair and binding partners that targeted therapeutically-relevant proteins. After his postdoctoral training, Jacob was a group and project team leader at Genentech in the department of Early Discovery Biochemistry, leading multidisciplinary teams to interrogate mechanism and feasibility for challenging therapeutic pathways in the areas of neurobiology, infectious disease, and oncology.

He joined the Innovative Genomics Initiative as Scientific Director in May 2014.
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ASQ Biomedical Division, Wednesday Evening, June 24, 2015

Topic: "Medical Device Supplier Management (From The Perspective Of Being In The Middle...) "
Date and Time: Wednesday, June 24, 2015 from 7:00 PM to 9:00 PM (PDT)
Location: Triple Ring Technologies, 39655 Eureka Drive, Newark, CA 94560

Topic Description
This is the second session in our discussions on Supplier Management for the 2015 NCDG year, featuring perspectives on how best to manage suppliers. This evening, from the perspective of being in the middle as a contract manufacturer, the presenter will share experiences being both supplier to its clients, and managing its own suppliers:

Managing, satisfying clients who purchase your products and services Managing suppliers/subcontractors, ensuring you have the parts/subassemblies to meet client needs How do you select suppliers and even clients (you sign the contracts, so you have a choice).

Who to trust and not to trust (this is a topic we are loath to discuss, but it is important), and how to be sure you can trust your clients and suppliers.

Wrap up: The evening will conclude with an open forum "Round Table", guided by the speaker and moderator (attendees will share helpful supplier and client experiences – what works/has not worked/why).

The formal portion of the evening will end early (8:30 p.m.-8:45 pm) to allow for networking.
Web site: https://www.eventbrite.com/e/medical-device-supplier-management-from-the-perspective-of-being-in-the-middle-tickets-16995968399?ref=enivtefor001&invite=ODAxMDE3MS9zZnVyZ2VyQGFzcS5vcmcvMA%3D%3D&utm_sou

Contact Information
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JLABS Bay Area, Thursday Afternoon, June 25, 2015

Topic: "Science 1st - Evolving treatment paradigm: The convergence of targeted therapy and immunotherapy in oncology"
Speakers:
Iqbal S. Grewal, Ph.D., D.Sc., F.R.C.Path | Vice President, Head of Immuno-Oncology, Janssen Research & Development, LLC;
Holbrook Kohrt, M.D., Ph.D. | Assistant Professor of Medicine (Oncology), Stanford Cancer Institute;
Kevan Shokat, Ph.D. | Principal Investigator, Howard Hughes Medical Institute *read bio»*
Date and Time: Thursday, June 25, 2015 from 3:00 PM to 7:00 PM (PDT)
Agenda:
3:00pm | Registration and Networking
3:25pm | Introduction
3:30pm | Presentation & Q&A
4:30pm | Panel Discussion & Q&A
5:30pm | Networking Reception
7:00pm | Close
Location: UCSF - Byers Auditorium, Genentech Hall, 600 16th St , San Francisco, CA 94158
Cost: Fees:
$25 General Public
$15 Student/Academic
$35 At the door

Topic Description
Tremendous progress has been made in targeted therapy and immunotherapy for the treatment of cancer. However, in an age of convergence and precision medicine, can we combine these parallel treatments to improve outcomes for patients?

Johnson & Johnson Innovation is bringing together top experts to discuss the latest developments, challenges and opportunities of combining cancer therapies. Please join Kevan Shokat, Holbrook Kohrt and Iqbal S. Grewal as they present the latest research in this area and engage in a panel discussion with ample time for audience questions.

Speakers Bios
Dr. Grewal is Vice President, Head of Immuno-Oncology at Janssen Research & Development, LLC. He leads Janssen's research efforts to discover and develop therapeutics that function as immune modulators cancers, and responsible for formulating and executing Janssen's immuno-oncology strategy. Prior to Janssen, Dr. Grewal led R&D activities at

ImmunGene, Inc. as Chief Scientific Officer where he built a diverse portfolio of antibody-cytokine fusion proteins for treating cancers. He was also a member of the Board of Directors. Dr. Grewal joined ImmunGene from Seattle Genetics, Inc. where he was Vice President, Preclinical Therapeutics, and developed monoclonal antibodies and antibody-drug conjugates as therapeutics in the areas of autoimmunity and oncology. Dr. Grewal began his career in industry at Genentech Inc. where he pursued research for discovering and developing innovative protein-based bio-therapeutics in many disease areas. He identified and validated several novel molecules as therapeutic candidates, and translated some of his findings into key drug candidates that successfully moved to clinical development and FDA approval. Dr. Grewal holds a Ph.D in Immunology from UCLA and a D.Sc. from University of Aberdeen, U.K, and has been named a Fellow by the Royal College of Pathologists in London. Dr. Grewal completed his post-doctoral fellowship in Richard Flavell's laboratory at Howard Hughes Medical Institute, Yale University School of Medicine. Dr. Grewal has published numerous papers and holds several patents based on his research. He is also serving on editorial board of research journals and has edited books on biologics and therapeutic targets.

Dr. Holbrook Kohrt currently investigates novel therapeutic strategies to enhance anti-tumor immunity, including the discovery of checkpoint inhibitors and cancer vaccine strategies. Dr. Kohrt is the co-director of the Cancer Immunotherapy Trials Network. As a faculty member at Stanford, Dr. Kohrt is developing novel vaccine strategies which induce tumor antigen-specific immunity and improve graft-versus-tumor reactions without exacerbation of graft-versus-host disease. His studies also include efforts to identify and develop immunomodulatory antibodies targeting immune effector cells subsets, such as natural killer cells, which enhance the anti-tumor activity of tumor-targeting antibodies. Dr. Kohrt is a leader in the clinical development of agents including IL-15, IL-7, anti-CTLA-4, anti-CD137, anti-PD-1, anti-PD-L1, BTK inhibitors, and HPV-targeted and WT1-targeted vaccines. Dr. Kohrt attended Stanford University Medical School, where he trained in Internal Medicine through the Clinical Investigator Pathway and completed a fellowship in Hematology and Oncology at Stanford with a research focus on preclinical models for novel immunomodulatory antibodies. During this time, he developed, validated, and nationally implemented a nomogram for risk prediction in early stage breast cancer. Dr. Kohrt received his Ph.D. in clinical trial design, biostatistics, and tumor immunology from Stanford under mentor Ron Levy with a thesis including the first report of an agonistic monoclonal antibody capable of enhancing the efficacy of tumor-targeting therapeutics. This antibody is now in five Phase 1/2 clinical trials

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Band of Angels, Thursday Afternoon, June 25, 2015

Event: "Mentor Day for Startups"
Date and Time: Thursday, June 25, 2015, 1:00 – 5:00 pm
Location: Allied Arts Guild, 75 Arbor Road, Menlo Park, CA 94025
Mentor Day Application link: http://www.instant.ly/s/kMhqW

The Band of Angels is pleased to host a mentoring session for companies interested in raising Angel capital. The session is open to companies in any sector or industry. Startups are invited to sign up for a 45 minute meeting with one or more Band mentors to learn about our investment process and to receive no risk feedback about the readiness of their ventures for Angel investment.

Who is this event for? The event is limited to company executives considering raising Angel capital.

Format: Private 1:1 meeting between a company executive and one or more Band members.

To see if Angel capital is right for your company, please register one member of your team. Due to space limitations, a maximum of two people per company may attend, but please formally register only one person via this registration process.

Mentor Day Application link: http://www.instant.ly/s/kMhqW

Please note: Company applications to participate will only be accepted via this link. To ensure proper registration, use the link--do not reply directly to this email. All necessary information is included in this invitation and in the application form.

The deadline to submit applications is close of business on June 16. Space is limited and so please apply promptly. Attending companies will be sent an email indicating their specific time slot several days prior to the event. There is no cost to participate.
We look forward to seeing you in June.

About the Band of Angels
The Band of Angels is the oldest angel group on the West Coast and has served as the model for many angel groups across the US and around the world. Founded in 1994, the Band today is comprised of 150 members who have had successful careers as Silicon Valley executives and have equally strong track records as angel investors and mentors. The Band has invested in more than 200 companies. We assist startups by providing them with their first seed capital, and more importantly, with expert advice. We actively seeks deals across several sectors (Software, Networking/Telecom, Security, Semiconductor, Internet, Life Sciences/Biotech and Energy/CleanTech). The Band is one of the most active early stage investment groups in Silicon Valley. We offer two investment opportunities: a traditional Angel involvement via direct investment by individual Band members and investment by the Band's Acorn Fund. The Acorn fund targets capital efficient startups needing only a small investment to reach profitability.

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The 23rd Annual Medical Device Dinner and Next Day Conference, Thursday and Friday, June 25-26, 2015

Medical Device Dinner And Interview with Steve Blank
Thursday June 25, 2015, 6:00 – 9:00 pm
Location: Sharon Heights Golf and Country Club, 2900 Sand Hill Road, Menlo Park, CA

Dinner Program Description
Join David Cassak in conversation with Steve Blank on the Lean LaunchPad approach to building Medtech startups. Steve is an entrepreneur with eight tech startups under his belt. He retired to become a writer and educator, and in the process launched the "Lean Startup" movement. Today Steve lectures on entrepreneurship at Berkeley, Stanford, Columbia, NYU and UCSF, and in 2009 was awarded the Stanford University Undergraduate Teaching Award in Management Science.
Registration at: http://goo.gl/7PHzGk

Medical Device Conference
Date and Time: June 26, 2015, 8:00am
Location: Palace Hotel 2 New Montgomery Street San Francisco, CA
Conference Description

The 23rd Annual Medical Device Conference will address issues of critical importance to today's medical device companies
Registration at: http://goo.gl/7PHzGk
Agenda
Friday, June 26, 2015 8:00 a.m. – 5:00 p.m.
Location: Palace Hotel
2 New Montgomery Street
San Francisco, California

Conference Description
This year's conference will focus on understanding the challenges facing the Medtech start-up today, and the strategies that are emerging to respond to these challenges. In a series of topical panels presented over the course of one day, you will hear from industry CEOs, venture capitalists, industry strategists, investment bankers, and market analysts.
Topics to be covered in depth:
• Venture Capital Today
• Innovative Deal Structures
• Collaborations Between Japan and Silicon Valley
• Important M&A Deals
• Corporate Investors and Buyer
• A Case Study in Payer/Provider/Medtech Collaboration • Successful De Novo 510K Strategies
• Commercialization Strategies
• International Funding Strategies – China
• Lean LaunchPad
• Medtech IPO's Are Back
• USPTO Comes to Silicon Valley
• Medtech Innovator 2015
Registration at: http://goo.gl/7PHzGk

7:00 – 8:00 a.m. Conference Registration and Continental Breakfast
8:00 – 8:10 a.m. Welcome, Casey McGlynn, Wilson Sonsini Goodrich & Rosati
8:10 – 9:10 a.m. Venture Capital Today
Getting a new medical device company funded is harder today. An ever-shrinking pool of investors interested in early-stage life science investing, larger capital requirements due to prolonged regulatory and reimbursement timelines, and the need for true sales traction to garner the attention of potential corporate acquirers have all become the hallmarks of the current financing environment. How are investors adapting their financing strategies and business models to accommodate these realities and position themselves for long-term success? Join a panel of Medtech investors to explore their approaches to investing in these changing times.
9:10 – 9:30 a.m. BREAK
9:30 – 10:30 a.m. Breakout Session 1
Innovative Deal Structures
Several Investors, Corporate Development Executives, and CEOs will review recent corporate partnering transactions. Learn about how young venture backed companies worked with large Medtech consolidators to create win-win structures. Listen to a discussion on key business terms in early and late stage deals. Join a discussion about the differing structures and key terms involved in these transactions.
Collaborations Between Japan and Silicon Valley
There is growing interest from Japan to invest in and collaborate with US Medtech companies, venture funds and incubators, many of which are located in Silicon Valley. For the first time in many years the major Japanese trading companies are focusing on

reenergizing their Medtech businesses. This represents a major opportunity for Silicon Valley startups to seek investments from and partnerships with Japanese businesses. Join this panel to learn about the ways in which Japan and Silicon Valley startups are collaborating to finance and develop advanced medical technologies.

Important M&A Deals

An investment banker, two successful CEOs, and a corporate development executive from a Medtech consolidator will join this panel to explore structured M&A transactions--deals involving earnouts and milestones. Recent deal terms will be explored as well as a retrospective look at how successful these transactions are in delivering value to shareholders and acquirers. Join us for a lively discussion about these transactions from the view of both the buyer and seller.

10:30 – 10:50 a.m. BREAK

10:50 – 11:50 a.m. Breakout Session 2

Corporate Investors and Buyers

Meet corporate investors from two large Medtech consolidators. Learn about the interests of each company in corporate partnering with emerging Medtech companies. Hear about the typical arrangements corporate acquirers like to structure and the therapeutic areas of interest to them today. This panel will also include information on how these arrangements can come undone and ways to make sure the deal ends up as a win-win transaction that will benefit management, investors and the acquirers.

A Case Study in Payer/Provider/Medtech Collaboration

Highmark Blue Cross Blue Shield and its major provider system, the Allegheny Health Network, have created a unique innovation program that is designed to accelerate the adoption of exciting medical devices. The VITAL Innovation program is targeted to FDA approved but unreimbursed devices that are expected to drive quality up at the right cost. The program is attractive to young companies in that they can test their devices, define and measure outcome, clarify the concept of value, explore paths to reimbursement and develop a path to mutual success. This session will share how the program operates from the perspectives of the payor, provider and the companies and explore how this alignment of interests can have relevance for the Medtech industry as a whole. VITAL is a new model that aligns and unites the interests of previously misaligned groups that all seek to improve the health of patients.

Successful De Novo 510K Strategies

Learn the secrets of the De Novo 510k Pathway. Interestingly this alternative to the lengthy premarket approval process has never quite caught on among device makers. In fact, it remains one of the least traveled routes to market for new devices. Meet the executives from emerging Medtech companies as they explain their experience with this pathway and today's slimmed down process to approval. Is the De Novo Pathway right for your device? Ask the experts on this panel.

11:50 a.m. – 12:10 p.m. BREAK

12:10 – 1:10 p.m. Breakout Session 3

Commercialization Strategies

Historically building a large sales force to sell important breakthrough Medtech products has been the recipe for a successful acquisition. But has the world changed? What new kind of sales structures will be required in the future? Will sales forces get smaller as the buy decision is increasingly made by the finance department instead of the doctor? Join a panel of CEOs who have launched new products, build sales organizations and created very successful businesses in the past as they look at the evolving commercialization strategies required for product adoption.

International Funding Strategies – China

Join a panel of experienced Chinese investors and advisors who can help you fund your company or help you to establish and fund a business unit of your company in China. Learn how these transactions are structured and the reasons that draw Chinese investor to the US

and US entrepreneurs to China.

Lean LaunchPad

In today's tough funding climate, innovation in science and technology is not enough. The Lean LaunchPad approach to building Medtech startups focuses on getting founders "out of the building" to solicit direct feedback from customers and critical stakeholders, providing an early testing of core hypotheses and allowing immediate refinements in critical business model assumptions. This "Lean" approach shifts startup thinking from writing business plans and immediate execution to the early testing of critical hypotheses about business, allowing adjustments or pivots on little or no capital. Join Steve Bank and Allan May and several CEOs as they discuss the Lean LaunchPad Concept and the things that entrepreneurs need to have in place before they start to look for money.

1:10 – 2:40 p.m. Lunch Interview: JNJ and Google Collaborate on Advanced Surgical Robotics

Perhaps you saw the recent announcement that Johnson & Johnson and Google were collaborating on an Advanced Surgical Robot to give surgeons greater control, access and accuracy during the surgical procedure while benefitting patients by minimizing trauma and scarring, enabling accelerated post-surgical healing. Join this lunch panel as David Cassak discusses the project with Ken Drazon M.D., Head of Johnson & Johnson Innovation in Menlo Park.

2:40 – 3:40 p.m. Breakout Session 4

Medtech IPO's Are Back

Several Medtech companies have completed IPOs this year and underwriters are actively pitching IPOs to mature Medtech companies. From this vantage point we reach mid-year 2015 with an expanding IPO market for high quality Medtech companies. With this as a background, our panel will explore current investor appetite for Medtech IPOs, the status of the emerging window for public offerings and the likely minimum requirements to be considered an attractive Medtech IPO candidate.

Patient Monitoring – Cutting Through the Hype

There is so much hype surrounding remote patient monitoring (RPM) and related buzz terms--like wearables, mobile apps, big data, the Internet of Things (IoT), and mHealth--that sometimes it is difficult to separate hyperbole from reality. What opportunities does RPM really afford medical device makers? What should they do to take advantage? How do wearables fit into the equation? Should the Medtech industry fear or embrace the involvement of tech titans like Google and Apple? Join a panel of experts from tech and Medtech as they explore the role of remote patient monitoring in our future.

The USPTO Comes to the Silicon Valley

Obtaining patents is crucial for medical technology companies. Join a panel including the new head of the USPTO Silicon Valley satellite office and a USPTO Supervisory Patent Examiner experienced in medical technologies, as well as experienced patent counsel and a seasoned entrepreneur as they discuss working for and with the PTO. The panel will explore successful strategies for prosecuting and expediting patent applications in the US, as well as utilizing the resources of the new Silicon Valley satellite PTO office.

3:40 – 4:00 p.m. BREAK

4:00– 5:00 p.m. Medtech Innovator

A group of early stage companies will present their pitch to a group of active medical device investors. These companies will vie for the title of Medtech Innovator. The investors will evaluate each of the presentations and give feedback to each of the companies that present, and the audience will select the winner using electronic polling. The winner will receive recognition at an awards ceremony during the conference. They will also get a presenting slot at the upcoming AVAMED Annual Meeting. For those interested in applying, please submit an application at https://www.medtechinnovator.com.

5:00 – 6:30 p.m. Venture Capital Uncorked

Join Wilson Sonsini Goodrich & Rosati for wine tasting after the conference. We will be

sampling wines from various wineries, with venture capitalists serving as your sommeliers for the event. This is your chance to try some great wine and learn a little bit more about what each of our local venture firms is looking for in its next deal. It's a great pairing—wine with a venture capital twist.

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Bio2Device Group, Tuesday Morning, June 30, 2015

"Development of a novel targeted antibody fusion protein as a new generation cancer therapeutic"
Speaker: Rathin Das, CEO, Synergys Biotherapeutics
Date and Time: Tuesday, June 30, 2015, 8:30 am
Location: Sunnyvale City Council Chambers, 456 West Olive Ave., Sunnyvale, CA
There are no fees or registration required for morning meetings.

Topic Description
While tumor growth is supported by endothelial cell angiogenesis, research suggests that tumor vasculature may be assembled through the formation and lining of vascular channels by tumor cells themselves.This process is called "vasculogenic mimicry" (VM). VM may supplement angiogenesis and provide an additional mechanism for tumors to generate a nutrient supply; it has also been linked to tumor aggressiveness and metastasis.
Since therapeutic disruption of VM has been largely unexplored and many anti-angiogenic drugs in current use have little or no activity against VM, Synergys is developing a targeted antibody fusion protein that is an excellent anti-angiogenic and also demonstrates profound inhibition of VM and inhibition of tumor growth. Dr. Das will present Synergys' recent research results.

Speaker Bio
Dr. Rathin Das is the Founding President and CEO of Synergys Biotherapeutics, Inc., an antibody therapeutics company based in Walnut Creek, CA. Before founding Synergys in 2009, he worked for Affitech AS of Oslo, Norway, an antibody therapeutics company, for 10 years. He served as the Senior Vice President of Corporate Development and Chief Business Officer as well as President of its US operation, Affitech USA, Inc.
Dr. Das has more than 30 years of experience in big pharma and biotech, including 15 years at Bayer Corporation in the US and Europe, and has published numerous articles in both peer-reviewed and trade journals. He holds both a PhD in Bioorganic Chemistry and an MBA, and has several years of experience in postdoctoral experience in cell and molecular biology at the University of Iowa, Iowa City, and the Cancer Research Center at MIT. Dr. Das also founded the Indiana Section of the Society of Industrial Microbiology, USA in 1986.
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Qb3 Entrepreneurship Seminar, Tuesday Mid Day, June 30, 2015

Topic: "Empowering Consumer Health Through Technological Innovation & Partnerships"
Speakers: Chris Chu, Director of Investments and Tejash Shah, Director of Strategy and Business Development Samsung Strategy and Innovation Center
Date and Time: Tuesday, June 30, 2015, noon to 1:00 pm
Location: Room 212, Byers Hall, UCSF Mission Bay, San Francisco, CA
Fee: General admission - $10 and free for QB3 affiliates
Register at http://www.eventbrite.com/e/qed-chris-chu-and-tejash-shah-samsung-empowering-consumer-health-through-technological-innovation-tickets-17192733930?mc_cid=5a4cd3dc86&mc_eid=cb4c38a44a

Topic Description

Samsung, best known for consumer products such as smartphones and TVs, is increasingly engaging with the healthcare market. Samsung works with the UCSF Center for Digital Health Innovation to develop, implement, and adopt new digital health technologies.

Based in Silicon Valley, the Samsung Strategy & Innovation Center (SSIC) partners with and invests in early-stage companies to aid entrepreneurs and promote disruptive innovation. Tejash Shah, Director of Strategy and Business Development at SSIC, and Christopher Chu, Director of Investments, will share Samsung's partnership and investment strategies and discuss how technology might advance healthcare. QB3's Doug Crawford will moderate a fireside chat and open Q&A.

Speaker Bio
Christopher Chu joined the Samsung Catalyst Fund as Investment Director in 2013. He currently covers Digital Health investments, but also looks at innovations in areas such as Smart Machines, Natural User Interface, and Machine Learning / Data Analytics. Previously, Chris worked in Corporate Development at AnyDATA, a wireless device solutions provider for Connected Health and Connected Home, where he worked on strategic partnerships, technology evaluation, business development, and intellectual property.
In addition, Chris worked in venture capital for over eleven years. He was a Partner at Pacific Venture Partners and involved with semiconductor and communications companies. Before that, Chris was a Principal at Crescendo Ventures, where he focused on telecom and wireless investments. He was also an Associate at Worldview Technology Partners as well as a Kauffman Fellow at CMEA Ventures. Some of Chris's past investments and company involvement include Alpha & Omega Semiconductor, IC Media, Legend Silicon, and Silicon Spice. Chris has held engineering positions at VLSI Technology, NASA Jet Propulsion Laboratory, and IBM Watson Research.
Chris holds an MBA from The Wharton School of the University of Pennsylvania, an MS in Electrical Engineering from Stanford University, and a BS in Electrical Engineering from California Institute of Technology.

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Palo Alto AWIS, Tuesday Evening, June 30, 2015

Topic: "Pave Your Career Path by Getting Involved with AWIS"
Date and Time: Tuesday, June 30,2015, 7-9 pm
Ice Cream Social: 7:00-7:30
Roundtable Discussion: 7:30-9:00
Location:Xerox PARC Auditorium, 3333 Coyote Hill Road, Palo Alto, CA
Free
Register at
http://www.brownpapertickets.com/event/1715591?mc_cid=a10442ed20&mc_eid=ae197bc308

Topic Description
Pave your career path by getting involved with AWIS.

Do you want to:
Discuss issues important for your professional growth?
Make meaningful connections?
Sharpen your leadership skills?

Then join the AWIS leaders for an ice cream social and learn about volunteering

opportunities.

Explore how you can:
Shape future AWIS programs
Invite and host seminar speakers
Organize events
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PBSS, Friday, Sept. 18, 2015

Topic of Workshop: "Conducting a Successful End-of-Phase2 Meeting with the FDA: Overview, Strategies, and Perspectives from the FDA and Industry"
Speakers: Azin Shahzamani, Yaning Wang, Mike Eldon, Terry Sweeney, Ramani Raghavan, Detlef Albrecht
Date and Time: Friday, September 18, 2015; 8:45-17:00
Location: SF Bay Area: Foster City Crowne Plaza
Registration fee (US$): Regular: $195; For major-sponsor rep (incl lunch): $0; For vendor-show rep: $35; For unemployed & students: $30; Webcast: $350; For others, details available upon online login.
Registration deadline: 9/17/2015 (it will close sooner if the seating cap is reached)
Topic Description
An End-of-Phase 2 (EOP2) meetings is a meeting between the US FDA and the sponsor of a clinical development program after the completion of the Phase 2 study and prior to the start of the Phase 3 study. It is most useful to the sponsor and should be held before major efforts and resources are committed to specific Phase 3 studies. The purpose of an EOP2 meeting is to determine sufficient safety prior to Phase 3, to evaluate the Phase 3 plan and protocols, the adequacy of current studies and plans to assess pediatric safety and effectiveness, and to identify any additional information necessary to support a marketing application for the uses under investigation.
This workshop is intended to address the important topics for an effective discussion at an EOP2 meeting and to provide an overview of a successful meeting preparation. Regulatory aspects will be provided from the FDA and the industry perspective. For clinical pharmacology the progress of PK study data and additionally needed studies will be reviewed. The preclinical safety and toxicology as it relates to dose, duration & route of administration will be discussed. In the CMC area the approach to specifications and test methods as well as the formulation to be used in clinical trials and "to be marketed" formulation will be addressed. In the clinical discussion at an EOP2 meeting, agreement needs to be reached with FDA on pivotal study designs, dose selection, patient population and the safety and efficacy endpoints for Phase 3 studies.
Topics:

- Regulatory Overview of End of Phase 2 meeting – What to consider? Industry perspective - Azin Shahzamani (Genentech/Roche)
- The FDA perspective of a successful EoP2 meeting, how to avoid the common mistakes; and Phase 3 dose selection aspects - Yaning Wang (FDA)
- Nonclinical safety and toxicology aspects and strategy - Terry Sweeney (Nektar)
- CMC aspects and strategy - Ramani Raghavan (Genentech/Roche)
- Clinical aspects and strategy - Detlef Albrecht

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JLABS, Tuesday Mid Day, Oct. 6, 2015

Topic: "It Must be Witchcraft"
Speaker: John Bates | Chief Executive Officer, Executive Speaking Success & Business Coaching
Date and Time: Tuesday, Oct. 6, 2015, 11:00 am – 1:30 pm

Agenda:
11:00 AM | Registration, Lunch, and Networking
11:30 AM | Presentation
12:15 PM | Discussion and Q&A
12:30 PM | Audience Pitches and Critique
1:30 PM | Program Close
Location: Johnson & Johnson Innovation, JLABS, 329 Oyster Point Blvd, 3rd Floor, South San Francisco, CA
Fees:
$35 | General Public
$20 | Student/Academic
$45 | At the door

Who Should Attend:
Life science industry executives, founders, CEOs, and marketing managers of start-ups and other private companies.
Details and registration at http://www.eventbrite.com/e/it-must-be-pitchcraft-tickets-17169625813?aff=weekly

Program Description
Have you ever wondered why you didn't get the investment? The potential funders loved the idea. They loved the team. They thought the market would be receptive... But, they wanted to think about it a little longer.

In this enlightening session with world renowned Communications & Leadership Expert, John Bates, you will learn the secrets behind pitches that succeed. You will leave ready to apply the secrets of PitchCraft to all of your pitches. From internal presentations to fundraising and client pitches you will learn not only what works, but why it works.

John has trained teams to take pitches from disaster to success that have raised hundreds of millions of dollars. In preparing PitchCraft John enhanced his own extensive experience by interviewing many top funders in the Healthcare ecosystem. From leading grant reviewers and high stakes venture fund managers to startup founders, John has gathered and distilled the principles, practices and gems no one ever discusses.

Even though you have a great idea, a great product, and a great team, you need to be able to communicate that well or it can languish while an inferior idea, product and team rise to prominence. Make sure your pitch skills are worthy of your idea, product and team. Make sure you are skilled in the art of PitchCraft.

The "How to... Workshop" series is dedicated to giving you the keys to a successful business, from creation to exit. As with all our events, the "How to... Workshop" is interactive and informal so bring your questions with you!

Speaker Bio
John Bates | Chief Executive Officer, Executive Speaking Success & Business Coaching
John fell in love with the Internet the moment it dawned on him what it would do for communication. Since then he has worked with early stage companies as a founder or early employee and has been instrumental in raising hundreds of millions of dollars in

Venture Capital. He co-founded BIGWORDS.com, a dotcom darling which ended up going bust in the dotcom bomb of 2000 and he was the first employee and is a part owner of Goldstar.com. John has been asked to speak and teach all over the world at events ranging from Web Attack to the St Gallen B-School World Leaders Symposium, the Leiden Veerstichting conference for Global Leaders, TEDActive twice, and many TEDx's. Most recently he taught groups of entrepreneurs and business owners in Bratislava, Slovakia via the University of Ekonomics, American Chamber of Commerce and the American Embassy. These days John loves bringing the ideas of others to life.

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Bio2Device Group, Tuesday Evening, Dec. 8, 2015

Topic: "Vaccines, Canaries and Coalmines: What lessons for Biopharma from the Oldest Class of Biologics?"
Speaker: Piers Whitehead, Special Advisor to the CEO, Acquisitions, PaxVax
Date and Time: Tuesday, Dec. 8, 2015, 6:00 pm
Location: Wilson Sonsini Goodrich & Rosati, 650 Page Mill Road, Palo Alto CA
Cost:
$6 - Students/In-transition - Members only
$11 - Early-bird Registration - Members only
$20 - Late Registration and Non-Members
$25 - Walk-ins
Register at www.Bio2DeviceGroup.org

Topic Description
Since at least the 15th Century, people have been vaccinating against infectious disease. As the most "mature" biopharma sector, what can we learn from it about broader biopharma trends, such as industry concentration, the role of developing country producers, achieving global access, industry cycles and more?

Speaker Bio
Mr. Whitehead joined PaxVax in early 2013 and brings 20 years of experience in the vaccines and biopharmaceutical industries. He previously served as Vice President of Corporate Development for Paris-based Neovacs. Prior to that, he was Vice President of Corporate and Business Development for vaccine company, VaxGen. At VaxGen, he negotiated several important partnerships and led the company's commercial strategy, resulting in the award of a nearly one billion dollar Project Bioshield Act contract. He also spent 10 years at Mercer Management Consulting, where he headed the San Francisco office and led marketing, strategy, and manufacturing projects for clients including the Global Alliance for Vaccines and Immunization (GAVI), UNICEF, and several private-sector pharmaceutical and biopharmaceutical companies. Mr. Whitehead has published extensively on the vaccine industry and related public policy matters and holds an A.B. from Oriel College, Oxford University, England.