Investing in Translational Science: Forging Critical Connections with Investment Professionals

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OBJECTIVES/GOALS: Ask the Experts: A Biomedical Innovation Forum, presented by Fast Forward Medical Innovation (FFMI) at the University of Michigan, provided an opportunity to educate biomedical innovators on life science investment trends and technology assessment criteria. METHODS/STUDY POPULATION: FFMI, in partnership with the U.S. Economic Development Administration, recruited an expert group of panelists to be featured at this virtual event. These life science investment experts provided insight on the strategy, timing, and best method for innovators to engaged investors, the specifics of what investors look for in technologies and project teams, and expectations of investors and project teams after the investment is secured. The panel presentation was followed by a poster presentation highlighting projects from the FFMI Hub at the University of Michigan, allowing innovators to have an open and constructive conversation with experts and attendees. RESULTS/ANTICIPATED RESULTS: There was a total of 73 registrants including academic faculty, biomedical innovators, and life science investment professionals from 21 different academic institutions, private companies, and other organizations. 50 attended the panel presentation and poster session. Results (N=5) of an evaluation of the event revealed that 100% of the respondents strongly agreed or agreed that the event met their expectations, while 80% strongly agreed or agreed that they would recommend the event to a colleague. Feedback from poster presenters was also strong with presenters exclaiming they “enjoyed the panel discussion and getting one-on-one time with the panelists,” as well as “a lot of great advice was given by the experts” and “I really liked the poster presentation part in which I got feedback from the investors.” DISCUSSION/SIGNIFICANCE: The data demonstrates how accelerating technology mining activities, proactively seeking and strengthening external partnerships with investors, and scaling commercialization education programs can have a positive impact on the development and launch of biomedical innovations.

Visiting Scholars in Times of Pandemic

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OBJECTIVES/GOALS: The Virtual CTSA Visiting Scholars Program allows KL2 scholars to serve as visiting professors at host CTSA consortium institutions. This program facilitates connections with faculty outside scholars home institutions, as well as fostering collaboration among different CTSA hubs. Stanford aimed to incorporate participants into its KL2 program. METHODS/STUDY POPULATION: Stanford is one of 57 host institutions for the Virtual CTSA Visiting Scholars Program. The program includes a virtual meeting between each participant and a chosen faculty at the host institution. Program participants also give a virtual Grand Rounds lecture, open to the entire CTSA consortium. As well as encouraging Spectrum KL2 Scholars to participate in the virtual exchange, the Spectrum KL2 program incorporated the visiting scholars into weekly activities over the course of 3 months. Visiting scholars were invited to participate virtually in KL2 educational sessions, which provide career development training and mentoring. As meetings transitioned to in-person, KL2 scholars were allowed to attend virtually when needed. Hybrid in-person sessions were also conducive to participation by visiting scholars. RESULTS/ANTICIPATED RESULTS: Stanfords Spectrum KL2 program was virtual (Zoom) for academic year 2020–2021 and included 1:1 mentoring sessions, weekly career development seminars, and 1:1 peer virtual lunches to integrate the 9 junior faculty scholars. Visiting scholars joined the weekly Zoom meetings when their schedules allowed. KL2 faculty mentored visiting scholars for 3 months, exchanging ideas and forming collaborations. Each visiting participant was paired with a KL2 Scholar, who provided 1:1 peer mentorship. In addition, visiting scholars presented a work-in-progress seminar, to obtain feedback before the more formal Grand Rounds lecture. For academic year 2021–2022, Spectrum KL2 meetings include virtual and hybrid in-person sessions, allowing visiting scholars to join by Zoom during the 3-month virtual exchange program. DISCUSSION/SIGNIFICANCE: What set Stanfords Virtual CTSA Visiting Scholars Program apart was faculty engagement and mentorship provided to visiting participants. By incorporating visiting scholars virtually into the ongoing KL2 education program, participants could engage fully with mentors and scholars, even surpassing opportunities of pre-pandemic on-site visits.

Building research knowledge base through training and elective courses in Clinical and Translational Research (CTR) as part of the Title V Cooperative Project (Title V Coop) between the University of Puerto Rico Medical Sciences Campus (UPR-MSC) and the Universidad Central del Caribe (UCC)

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OBJECTIVES/GOALS: Research Education Towards Opportunities (RETO) Mentoring Offering Training Opportunities for Research (MOTOR) 1 – 2 and the elective courses (INTD 5998/ MDCL 101) in CTR of Title V Coop were designed to provide the participants from higher education institution (HEI) in Puerto Rico (PR), interdisciplinary – interprofesional knowledge in CTR. METHODS/STUDY POPULATION: Since April 2017, Research Education