Richard Newton Lecture Series
A Berkeley Changemaker™ Course
Course Syllabus Fall 2021 INDENG 95/195/295 (1 Credit Class #28079/19410/19413)

Sign up to Introduce Speakers HERE
Add your speaker questions HERE

Berkeley Changemaker™ & Sutardja Center for Entrepreneurship & Technology (SCET)

As part of the Berkeley Changemaker, the Sutardja Center for Entrepreneurship & Technology (SCET) hosts the A. Richard Newton Distinguished Innovator Lecture Series: A Berkeley Changemaker™ Course. The Series highlights a diverse set of changemakers who have made breakthroughs in entrepreneurship, innovation, artistry and social impact. During the course, keynote speakers share their insights on critical thinking, communication and collaboration as it relates to innovation and entrepreneurship. They will also focus on success and failures around crafting their business idea and story, building a team, creating the trust necessary for investment/collaboration and breaking boundaries to create change.

Since 2005, SCET has been central to Berkeley's entrepreneurship ecosystem. SCET is also known for developing the Berkeley Method of Entrepreneurship and the Berkeley Method of Innovation, both internationally recognized approaches to teaching technology entrepreneurship for undergraduates, innovation for Ph.D. students, and technology firm for professionals and executives. As part of the Berkeley innovation ecosystem, SCET also collaborates closely with the Jacob's Institute for Design, Skydeck, Haas Business School, and CITRIS Foundry.

If you are interested in new ventures or innovation on the Berkeley campus or anywhere in the world, the Sutardja Center is the place to be. The Center is located within the College of Engineering of UC Berkeley (at the Stadium) and its academic home is within the Department Industrial Engineering & Operations Research. More recently, we are pleased to support the Berkeley Changemaker, sponsored by a past Newton speaker, Bobby Yazdani and his family foundation. For more information on SCET, please visit scet.berkeley.edu. For more information on the Berkeley Changemaker please visit https://changemaker.berkeley.edu/home.

Program Background

The Newton Series, named in honor of the beloved UC Berkeley Dean Richard Newton, highlights individuals like Rich, who exemplify the qualities of a changemaker. As Dean of UC Berkeley College of Engineering, he supplemented his academic role with active industry participation. He helped found a number of design

technology companies including SDA Systems (now Cadence Design Systems), Synopsys, PIE Design Systems (now part of Cadence), Simplex Solutions, and Crossbow.
The Newton Series course (see more on website and video archives (https://scet.berkeley.edu/newtonseries/) serves as an entry point for undergraduate and graduate curriculum sequences in leading change, whether through entrepreneurship or innovation.

The course features a selection of high-level speakers, from industry, academia, and media, who share their insights on industry developments, leadership and innovation based on their careers. In addition, each week they address an important aspect of how to initiate change. Classes are held in a variety of learning formats, from lecture to fireside chat to panel discussion and on occasion film-screening. Our objective is to expose students to multiple elements key to innovation and entrepreneurship through the unique opportunity of hearing many insights and viewpoints, from diverse speakers, from varying industries and unique expertise.

Requirements and Grading for Pass/Fail
We meet once a week (with few exceptions) via Zoom (for the foreseeable future), on Tuesdays 5:00pm - 6:30pm PST. Lectures will start on Berkeley Time (5:10pm). Please Register in advance for the webinar:
Registration Link (all classes outside of orientation class)
https://berkeley.zoom.us/webinar/register/WN_pvGQJ725TjK4fI7UMNPanw
Meeting ID: 915 9366 5765

In addition, we will have an orientation session at the beginning of the semester to facilitate engagement, provide semester highlights and review your questions. Please note that these will be in meeting format and be held at the following Meeting LINK onSeptember 7th, 2021. **Orientation Meeting Link**

Join Zoom Meeting (Orientation class)

https://berkeley.zoom.us/j/93467357492

Meeting ID: 934 6735 7492

Any class exceptions will be included as part of BCourse announcements. For a **passing grade** and **1 credit, attendance is mandatory.** Attendance will be recorded through the timely submission of weekly quizzes designed to provide students with an opportunity to reflect on each week's speaker. We cannot guarantee that all lectures will be recorded, so we highly encourage students to attend lectures live. Additionally, there may be a **pop quiz** to ensure students are attending and watching lectures diligently during the semester.

If a student is unable to submit a quiz due to technical difficulties, please reach out to the course coordinators or instructor. There are a limited number (2) of allowable excused absences (missed quizzes), and the excused

absence forms can be submitted on BCourses. All other circumstances including late submission feedback is to be considered on a case-by-case basis.

Finally, each student will submit a group project/written reflection at the end of the semester in order to pass and receive 1 credit this pass/fail course. Attendance and weekly completed feedback forms are worth **65%** of your grade with the remaining **35%** coming from the year-end reflections. In addition to this mandatory portion, there is opportunity to provide questions to speakers, live (even if it's virtual) during the class Q&A; and depending on speaker availability, a chance to interact one-on-one after class. Students are also offered the chance to introduce select speakers and attend speaker circles.

Instructor: Victoria Howell, vhowell@berkeley.edu. Feel free to reach out for questions, speaker intros, entrepreneurial advice, mentoring, networking or suggestions for The Newton Series. **Office Hours:** meet upon request or in-person at Sutardja Center (stadium) Thursdays 9am - 12 noon

Student Coordinator: Pranati Modumudi –pmodumudi@berkeley.edu. Ask her questions related to waitlist and BCourse weekly feedback.

Student Coordinator: Rishi Modi – rishimodi@berkeley.edu. Ask him questions related to waitlist, attendance, grades and speaker ideas.

SCHEDULE – Fall 2021 SPEAKERS

	Kick-off Keynote featuring mother/daughter changemakers "living legend" **Dr. Sylvia Earle**, internationally renowned oceanographer and TIME Magazine's First Hero of the Planet and	
	Cal grad, Dr. Liz Taylor, President, DOER Marine, building the worlds most advanced submarines and underwater remote-operated vehicles as moderated by	**08.31 @5:00pm PST** via Zoom **Registration Link (all classes outside of orientation class)** https://berkeley.zoom.us/webinar/register/WN_pvGQJ725TjK4fI7UMNPanw **Meeting ID:** 915 9366 5765
	UC Berkeley Chief Innovation Officer, **Dean Rich Lyons.**	
	ORIENTATION split in two groups **Last Name A-L join meeting at 5pm - 5:45pm** **Last Name M-Z joining meeting 5:50pm - 6:30pm** **Victoria Howell**, Associate Instructor, Newton Series. Course overview and networking	**09.07 @5:00pm PST** via Zoom Meeting Link… https://berkeley.zoom.us/j/93467357492 **Meeting ID: 934 6735 7492**

	Cal Grad **Nanxi Liu,** an Emmy-award winning TV producer and Co-founder and CEO of Enplug in conversation with Cal Grad, **Jessica Mah,** cofounder and CEO, inDinero and Inc's 30 under 30	**09.14 @5:00pm PST** via Zoom **Registration Link (all classes outside of orientation class)** https://berkeley.zoom.us/webinar/register/WN_pvGQJ725TjK4fI7UMNPanw **Meeting ID:** 915 9366 5765

	NO SPEAKER. Assignment to be announced	**09.21 @5:00pm PST** via Zoom
	William Bao Bean, General Partner, SOSV and Managing Director, Chinaccelerator and MOX - with US$700m under management and one of the most active seed investors in the world	**09.28 @5:00pm PST** via Zoom **Registration Link (all classes outside of orientation class)** https://berkeley.zoom.us/webinar/register/WN_pvGQJ725TjK4fI7UMNPanw **Meeting ID:** 915 9366 5765

	Sai Venkataraman, cybersecurity leader, cofounder and CEO of Security Advisor, a vc-backed startup in conversation with customer **Andy Horwitz,** VP, Business Development Netskope and former VP, Crowdstrike	**10.05 @5:00pm PST** via Zoom **Registration Link (all classes outside of orientation class)** https://berkeley.zoom.us/webinar/register/WN_pvGQJ725TjK4fI7UMNPanw **Meeting ID:** 915 9366 5765

	Cal Grad, **Dr. Christine Ho,** researcher, cofounder and CEO, Imprint Energy creating ultrathin, flexible, printed batteries that are both safer and more powerful (higher energy density) than lithium-based products	**10.12 @5:00pm PST** via Zoom **Registration Link (all classes outside of orientation class)** https://berkeley.zoom.us/webinar/register/WN_pvGQJ725TjK4fI7UMNPanw **Meeting ID:** 915 9366 5765

	Cal Grad, **Mitchell Baker**, Executive Chairwoman and CEO, Mozilla Foundation and Mozilla Corporation (Firefox) and Time's 100 most influential people in conversation with **Tsu-Jae King Liu,** Dean of the UC Berkeley College of Engineering	**10.19 @5:00pm PST** via Zoom **Registration Link (all classes outside of orientation class)** https://berkeley.zoom.us/webinar/register/WN_pvGQJ725TjK4fI7UMNPanw **Meeting ID:** 915 9366 5765
	Kevin Chou, founder and CEO, Rally, a new blockchain venture seed. Former CEO and founder of Kabam, a top developer of mobile games. He also serves as the Chairman of Gen.G. He's been honored by Fortune in 40 under 40; CNN in Smartest People in Tech, and Business Insider's Silicon Valley Top 100. 2019 UC Berkeley Alumnus of the Year.	**10.26 @5:00pm PST** via Zoom **Registration Link (all classes outside of orientation class)** https://berkeley.zoom.us/webinar/register/WN_pvGQJ725TjK4fI7UMNPanw **Meeting ID:** 915 9366 5765

	Edris Bemanian, retail marketing expert and CEO, Engage3 will be in conversation with investoR Cal Grad, **Sabya Das**, partner, Moneta Ventures and early stage VC.	**11.02 @5:00pm PST** via Zoom **Registration Link (all classes outside of orientation class)** https://berkeley.zoom.us/webinar/register/WN_pvGQJ725TjK4fI7UMNPanw **Meeting ID:** 915 9366 5765
	Lynn Mayo, cofounder, RePicture and **Aelisa Carr,** cofounder, RePicture in conversation with **Evan Variano,** Associate Professor of Civil and Environmental Engineering, UC Berkeley	**11.09 @5:00pm PST** via Zoom **Registration Link (all classes outside of orientation class)** https://berkeley.zoom.us/webinar/register/WN_pvGQJ725TjK4fI7UMNPanw **Meeting ID:** 915 9366 5765

	Lars Moravy, VP, Vehicle Engineering, Tesla	**11.16 @5:00pm PST** via Zoom **Registration Link (all classes outside of orientation class)** https://berkeley.zoom.us/webinar/register/WN_pvGQJ725TjK4fI7UMNPanw **Meeting ID:** 915 9366 5765
	No Class! Happy Thanksgiving!	**11.23 @5:00pm PST** via Zoom
	Aaron Levie, USC dropout turned entrepreneur, CEO and cofounder of Box	**11.30 @5:00pm PST** via Zoom **Registration Link (all classes outside of orientation class)** https://berkeley.zoom.us/webinar/register/WN_pvGQJ725TjK4fI7UMNPanw **Meeting ID:** 915 9366 5765
	Final Assignment/Write-up Due	**12.10.2021**

CONTACT INFORMATION

Instructors:	Victoria Howell	vhowell@berkeley.edu
Student Coordinator (Questions on Waitlist, Attendance, Grading, Reports, Absences):	Rishi Modi Pranati Modumudi	rishimodi@berkeley.edu pmodumudi@berkeley.edu

OFFICE HOURS & COMMUNICATIONS

Contact **Rishi Modi (**rishimodi@berkeley.edu**)** for class-related questions, to schedule an office appointment. Please **email directly** instead of messaging through BCourses.

FORMAT

The course is a series of in-person lectures from leading innovators and entrepreneurs. Unless otherwise noted (via email and on b-course), classes take place each Tuesday, via Zoom **from 5:00pm PST – 6:30pm PST** with the final 30 minutes left for student Q&A. The attendance code will be posted at about 6:25pm PT each week. There are three mandatory elements to this class and needed for a passing grade:

1. Attendance is mandatory (Please note that it is not acceptable to arrive late, i.e., past 5:15pm nor to leave early unless you have offered a written excuse prior to class. See policy for attendance/absences.
2. Post class attendance/feedback forms (electronic) are mandatory to receive credit for attendance.
3. Written reflection project due at the end of the semester. Further details to be provided midway through the course.

There are also optional elements to the class as follows:

1. You may be eligible to introduce one of our speakers
2. You are encouraged to ask questions, during the Q&A period after the lecture, chat or panel
3. You may approach stay late later on Zoom, depending on speaker availability for a one-on-one interaction with the speaker/speakers
4. Depending on availability, you may be selected for a speaker circle (close off-the record conversation with the speaker and several other students)

SEMESTER-END PROJECT/REFLECTION

At the end of the semester students will submit to BCourses a written reflection addressing one of the following prompts (3 Paragraphs or 500 words max).

- What did you learn about a speaker that you wouldn't have known from reading about them, and how will this impact you as you move forward in your career?
- How did the speaker use storytelling and what did you learn from them about the craft?

- All entrepreneurs and innovators encounter setbacks and failure. What setback struck you as most surprising, based on the speaker exchanges, and what did you find intriguing about the way the speaker learned/or didn't learn from the setback?
- Please describe any instances where a speaker's experiences aligned with your own personal values, and how you can act on those values in the interest of building a better world?
- Think about a particular speaker and write about how they were able to use collaboration to push their objectives forward.
- Based on listening to speakers, what industries or areas do you believe are most ripe for positive change, and how might you help impact that?

TOPICS COVERED

Leading entrepreneurs, innovators and C-level executives provide career insights, life lessons and their perspectives on creating change. Changemakers provide a future-oriented narrative and are invited based on their contributions, diverse backgrounds and various perspectives on innovation and entrepreneurship.

CREDIT

This is a 1-credit course, offered either for a grade or pass/fail. Passing marks and grades are based on mandatory lecture attendance, completion of lecture feedback forms and report or end of semester project.

TEXTS AND REQUIRED SUPPLIES

In addition to in-person lectures, it's recommended that students familiarize themselves with each week's speaker and his/her business topic area prior to the speaking date. It is also recommended to purchase ***Innovation Engineering: A Practical Guide to Creating Anything New*** by Ikhlaq Sidhu.

GRADING & ATTENDANCE

65% - Attendance is **mandatory** and will be measured either via ID scan, "sign-in" sheets, BCourse quiz submissions due after each lecture or a combination. This is the case whether we do a webinar or in person class.

35% - **Mandatory** final reflection / project. To be clarified mid semester.

ATTENDANCE POLICY

Attendance is **mandatory** for a passing grade. Please note: There are a limited number (2) of allowable excused absences (missed quizzes), and the excused absence forms can be submitted on BCourses. All other circumstances including late submission feedback is to be considered on a case-by-case basis.
Contact **Rishi Modi** regarding any questions or concerns with attendance. **(**rishimodi@berkeley.edu **)**

Each unexcused absence will drop you one grade, for example from A to B, B to C. If you have a C or below for attendance, you will **NOT** pass the course.

DATES & LOCATION

Students are to reserve Tuesday evenings 5:00pm – 6:30pm PST. Our lectures will take place either in person (once safe) or **via Zoom Webinar**. Please see BCourses for any updates.

SCET CERTIFICATE in ENTREPRENEURSHIP & TECHNOLOGY

This class can be used towards requirements to earn the SCET Certificate in Entrepreneurship & Technology. For details on the certificate requirements and other opportunities for engagement, see SCET website.

COURSE EVALUATIONS

At the end of the term, students will be asked to fill out an evaluation to give feedback about the course. SCET values and appreciates student responses, which are used to better understand and improve our courses. Students are strongly encouraged to submit the evaluation.

STUDENT CODE OF CONDUCT & ACADEMIC INTEGRITY

UC Berkeley's honor code states "As a member of the UC Berkeley community, I act with honesty, integrity, and respect for others." As a Cal student, you are held to the University's Student Code of Conduct. You are expected to demonstrate integrity in all of your academic endeavors and will be evaluated on your merits.

Any assignment submitted by you and that bears your name is presumed to be your own original work that has not previously been submitted for credit in another course unless you obtain prior written approval to do so from your instructor. In all of your assignments, you may use words or ideas written by other individuals, but only with proper attribution. To copy text or ideas from another source without appropriate reference is plagiarism and will result in a failing grade for your assignment and usually further disciplinary action. For additional information on plagiarism, self-plagiarism, and how to avoid it, see Berkeley Library website.

If you are not clear about the expectations for completing an assignment or taking a test or examination, be sure to seek clarification from your instructor beforehand. Anyone caught committing academic misconduct will be reported to the University Office of Student Conduct. Potential consequences of cheating and academic dishonesty may include a discipline file, probation, dismissal from the University, or other disciplinary actions.

STUDENT ACCOMODATIONS

The University is dedicated to supporting student success and removing barriers to educational access. If you need disability-related accommodations in this class, have emergency medical information you wish to share with me, or need special arrangements in case the building must be evacuated, please inform me immediately so that we can plan for appropriate accommodations. The Disabled Students' Program (DSP) is the campus office responsible for authorizing disability-related academic accommodations, in cooperation with the

students and their instructors. Students who need academic accommodations, or have questions about their eligibility, should contact DSP. See the DSP website for additional information.

COUNSELING AND PSYCHOLOGICAL SERVICES (CAPS)

As a student, you may experience mental health concerns or stressful events that can cause barriers to learning, participation and performance. The University offers a broad range of mental health services available on campus via the Counseling and Psychological Services (CAPS). There is no charge to get started, and all students can access regardless of insurance. For details on the CAPS resources, see the CAPS website.

PREVENTION OF HARASSMENT AND DISCRIMINATION

The University is committed to creating and maintaining a community dedicated to the advancement, application and transmission of knowledge and creative endeavors through academic excellence, where all individuals who participate in university programs and activities can learn together in an atmosphere free of discrimination, harassment, exploitation, or intimidation. For more information on policies, resources and how to report an incident, see the Office for the Prevention of Harassment and Discrimination (OPHD) website.

SAFETY & EMERGENCY PREPAREDNESS/EVACUTAION PROCEDURES

As class activities may keep you on campus at night, check out the Cal's Night Safety Services website for details on the University's comprehensive free night safety services. See the Office of Emergency Management website for details on Emergency Preparedness/Evacuation Procedures. The UC Berkeley Police Department website has information regarding safety. Dial 510-642-3333 or use a Blue Light emergency phone for help.

GRIEVANCES

If you have a problem with this class, you should seek to resolve the grievance concerning a grade or academic practice by speaking first with the instructor. If necessary, take your case to the SCET Chief Learning Officer, SCET Faculty Director, IEOR Department Chair and to the College of Engineering Dean, in that order. Additional resources can be found on the Student Advocate's Office website and Ombuds Office for Students website.

ADDITIONAL RESOURCES

See the Student Affairs website for more information on campus and community resources.

Disclaimer: Syllabus/Schedule are subject to change.