College Exposure

UCB and LBNL shall partner with local and regional leaders to strengthen and expand career pathway strategies and programs in the following ways::

Sub Recommendation	Strategies/Programs	Partners	Lead Entity	Beneficiaries	Expected Results	Performance Measures	Outreach	Notes:	Source
Recommendation	**UCB/LBNL will:**	**In Partnership with (include what department/who when possible):**	**With Leadership From**	**For the Benefit of:**	**For these Results:**	**Measured by:**	**[target audience? mechanism?]**	**Notes:**	**Submitted by**
1. College Advising A.	Expand Destination College Advising Corps (DCAC) by providing permanent funding for X college counselors in all Richmond High Schools.	UC Berkeley's Center for Educational Partnerships		All Richmond high school students	Increase college access and success for Richmond students, especially those facing significant socio-economic barriers.	X% increase in number of Richmond high school seniors who enroll in higher education after graduation.	Need baseline metrics for % of Richmond seniors now enrolling in higher education after graduation		Kate Spohr
B.	Expand one on one college/cohort advising opportunities at Richmond High Schools (UC Berkeley Upward Bound, UCB Pre-College Trio Talent Search Program, UCB EAOP/DCAC, Bridges Multicultural Resource Center)	UC Berkeley Upward Bound, UCB Pre-College Trio Talent Search Program, UCB EAOP/DCAC, Bridges Multicultural Resource Center				First how many students currently served? and include X% increase in students served Upward Bound UC Berkeley (9th-11th Low-income 1st generation Approx. 15-20 students per site @ DeAnza, El Cerrito, Kennedy Richmond); UCB Pre-College Trio Talent Search Program (9th-11th Low-income 1st generation Approx. 15-20 students per site @ DeAnza, El Cerrito, Kennedy Richmond); UCB Pre-College Trio Talent Search Program (9th-12th Serves approx..150-200 students per site @ DeAnza, El Cerrito & Pinole); UCB EAOP/ DCAC Fellowship Advisors (9th-12th = Serves approx. 160 students per site @ each comprehensive high school Total= 960);			Gabino
C.	Make Transcript Evaluation Service (TES) available to sophomores and juniors	UC Berkeley's Center for Educational Partnerships		All Richmond high school sophomores	Increase college access by making students aware of the coursework needed to apply to 2-year and four-year colleges.	X% increase in number of Richmond high school seniors who enroll in higher education after graduation.	Need baseline metrics for % of Richmond seniors now enrolling in higher education after graduation		Kate Spohr
D.	Provide SAT/ACT preparation courses to juniors and seniors	UC Berkeley's Center for Educational Partnerships		All Richmond high school juniors and seniors	Increase college access by preparing students and giving them the tools they need to score higher on the SAT/ACT.	X% increase in number of Richmond high school seniors who enroll in higher education after graduation, with a focus on enrolling at a college of their choice.	Need baseline metrics for % of Richmond seniors now enrolling in higher education after graduation		Sumi Godfrey
E.	Actively participate and provide support and expertise to local Richmond high schools (De Anza, Kennedy, and Richmond) College and Career Centers	UC Berkeley Upward Bound, UCB Pre-College Trio Talent Search Program, UCB EAOP/DCAC, Bridges Multicultural Resource Center		All Richmond high school students					Gabino
2. Experiential Learning/Academic Preparation A.	Facilitate partnerships that provide experiential learning opportunities for high school, community college, adult ed and afterschool students, to help build career pathways in STEAM fields	WCCUSD, CCC, local businesses [what department, which person/title?]		HS, CC, adult and afterschool ed students as well as local businesses.	Increase exposure of Richmond youth to STEAM fields; increase exposure of STEAM professionals to Richmond youth.	Number of exposures to: work-based learning opportunities, career pathway opps; internships and field trips.		This broad recommendation also fits other subrecs in Career Exposure.	
B.	School to Lab pipeline: Middle school-->internship-->job at Lab.			MS, HS students; lab employees	Increase exposure of Richmond youth to STEAM fields; increase exposure of STEAM professionals to Richmond youth; Increase employment of Richmond youth in STEAM fields	Number of MS students who enter pipeline; get internships; get job offers at LBNL or other STEAM employers.		(can we add UCB labs to this?)	
C	Support academic and research opportunites for Richmond students and teachers with UC Berekely (i.e. Y-PLAN)	Center for Cities and Schools				Y-PLAN has been active at Richmond High School in Collabration with the City of Richmond. They are planning to expand to other WCCUSD school sites			
D.	Concurrent/dual enrollment oppostunties (WCCUSD Academies)								
E.	Provide Scholarships and/or low cost Summer Learning opportunities to Richmond students from UC Berkeley's Academic Talent Development Program (ATDP Secondary, ATDP Elementary) or similar programs.	UC Berkeley School of Education				Elementary Program was held in Richmond at Washington Elementary School			Gabino
3. College Going Culture A.	Partner with organizations to provide summer internships, youth camps and youth activities (school to lab pipeline)	WCCUSD, CCC, local youth organizations		Students, and in the case of internships, hiring organizations	More students will be exposed to activities during the summer	Number of students who participate in summer activities; demographics of participants		What grade levels? Pre-k to 14? Where are these internships? Where are the summer camps?	
B.	Provide multiple opportunites for campus visits/field trips for students, parents and teachers (guided tours, conferences, Cal Day, Athletics, Museums, Kinder Caminata, etc.).	UC Berkely Visitor Services, UC Berkeley Student Organizations, City of Richmond (Community Services, Library-LEAP), Bridges Multicultural Resource Center							
C	Outreach to Students at early ages								
D.	UC Berkeley departments alignment with WCCUSD Academies (curriculum support, internships, mentoring, etc.)								
E.	Provide multiple opportunites for the UC Berkeley Community to collaborate on research opportunites and data analysis with Richmond schools, CBO's, and City departments	School of Public Health, Institute of Urban and Regional Development, City and Regional Planning, Center for Cities and Schools, Division of Equity & Inclusion							
F.	Provide multiple opportunites for the UC Berkeley Community to volunteer with Richmond schools, CBO's, and City departments (service learning).	Student Affairs, City of Richmond ESC, WCCUSD							
4. Finacial Aid Support A.	Provide college Financial Aid workshops throughout the year at schools and community sites, and highlight opportunities for low-income, first generation, and students of color at UC Berkeley.	UC Berkeley Financial Aid Office, WCCUSD, Ed Fund, City of Richmond							
B.	UC Berkeley develops a formal partnership with the Richmond Promise program. Work towards providing matching funding opportunities for Richmond students.	UC Berkeley Financial Aid Office, City of Richmond							Gabino
C.	Provide Richmond Scholars program in which students from Richmond are identified and supported with opportunities including tutoring, work study, research opportunities, and grants.								Gabino

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Career Exposure

UCB and LBNL shall partner with local and regional leaders to strengthen and expand career pathway strategies and programs in the following ways::

Sub Recommendation		Strategies/Programs	Partners	Lead Entity	Beneficiaries	Expected Results	Performance Measures	Outreach	Notes:
Recommendation		UCB/LBNL will:	In Partnership with (include what department/who when possible):	With Leadership From	For the Benefit of:	For these Results:	Measured by:	[target audience? mechanism?]	Notes:
1. Multi-partner Coordination	A.	Invest in the coordination of work-based learning partnerships across UC, LBNL, school and community partners that lead to new and expanded STEAM learning experiences for K-12 and adult education students.	WCCUSD, CCC, community-based WBL partners, STEAM employers		K-12, CC, adult and aftershool ed students, employers, providers of WBL programs	Strengthen pathways; improve experience of students on pathways; improved leveraging of public and private resources;	# of students participating; # of students and educators who report their experience was enrished by exposure to work-based learning expereinces; # of college admits and job offers related to pathway experience;		Look into CEP programs
	B.	Develop a strategic plan that aligns UCB and LBNL resources with K-14 work-based learning strategies to identify specific opportunities to start, scale and/or sustain career learning experiences across multiple pathways. These experiences may include, but are not limited to the following: internships, job shadows, cross-industry/school integrated projects, workplace tours, simulation labs, afterschool programs, and career fairs/showcases. The plan will articulate specific goals for reaching students across grade levels and pathways and will be updated and reported on at least annually.	WCCUSD, CCC, East Bay Career Pathway Partnership		K-14+ students within and outside of pathways	a comprehensive, coordinated system that leverages resources of multiple partners to maximize exposure and improve experiences that inspire academic success for K-14 students and adults	an annual strategic plan that is endorsed by multiple partners		
	C.	Ensure implementation of above referenced strategic plan through the commitment of necessary resources and partnerships.							
	D.	Invest in research, design and evaluation of WBL partnership programs for K-14 and adult education students to improve understanding of what's working, for whom, and ways to continually improve existing strategies.	LBNL, WCCUSD STEAM teachers; academies; afterschool programs; local STEAM programs		MS, HS students; lab employees	Increase exposure of Richmond youth to STEAM fields; increase exposure of STEAM professionals to Richmond youth; Increase employment of Richmond youth in STEAM fields	Number of MS students who enter pipeline; get internships; get job offers at LBNL or other STEAM employers.		(can we add UCB labs to this?)
	E.	Leverage partnerships to bring regional and local employers to the table to continually build out and strenthen K-14 career pathways through a focus on curricular alignment, work-based learning experiences, student and teacher mentorships				*increase number of internships; # of students who finish internships; # of paid internships; number of students who report that these internahips positively affected thir academic/prof develpoment; # of internsips that result in post HS or CC job offers*			

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The Richmond Community Working Group (CWG) is developing a set of draft recommendations for the Berkeley Global Campus to be submitted to UC Berkeley and Lawrence Berkeley National Laboratory (LBNL) in December 2015. Inclusion of draft recommendations in this document does not imply an agreement by UC Berkeley or LBNL. Upon receipt of the final CWG recommendations, UC Berkeley and LBNL will develop a draft Richmond Compact (agreement) that specifies the commitments and benefits the University and the Lab are prepared to provide to the Richmond community.

UCB and LBNL should invest in and/or partner with Richmond strategies, programs and partnerships that address:

Sub Recommendation		Strategies/Programs	Partners	Lead Entity	Beneficiaries	Expected Results	Performance Measures	Outreach	Notes:	Source
Recommendation		UCB/LBNL will:	In Partnership with (include what	With Leadership From	For the Benefit of:	For these Results:	Measured by:	[target audience? mechanism?]	Notes:	Submitted by
1.Externships	A.	Facilitate partnerships that provide opportunities for K-14 teachers to serve externships in businesses, STEM labs, and other professional workplaces, to better understand the skills their students need to develop.	UC departments, units; Community partner organizations; businesses		WCCUSD teachers; community college faculty; adult education teachers	Quantifiable targets across a range of businesses and STEM research labs and companies. Build up to a sustainable number of opportunities per year, across K-14 span.	# of students participating; # of students and educators who report their expereience was enriched by exposure to work-based learning expereinces; # of college admits and job offers related to pathway experience;			
2. Curriculum Development K-12	A.	Facilitate partnerships to support K-12 curriculum development and implementation; facilitate development and implementation of innovative STEM curriculum and learning opportunities	UC Berkeley departments and units, WCCUSD, CCC, local businesses, community partner organizations, local youth organizations		WCCUSD TK-12 educators (with students as ultimate beneficiaries)	Addressing priorities established by WCCUSD, Richmond promise, other initiatives aimed at improving K-12 education opportunities in Richmond	# of teachers participating; measures of change in teaching practice (such as implementation of new /improved curriculum); increased student outcomes (could include test scores, portfolios, participation in STEM events/competitions, enrollment in further courses, etc.)			
3. Teacher professional development K12	A.	Facilitate partnerships to support K-12 teacher professional development, including: STEM; subject area content support; pedagogy training and ongoing support; literacy pedagogy across disciplines	UC Berkeley departments and units, WCCUSD, CCC, local businesses, community partner organizations, local youth organizations		WCCUSD TK-12 educators, students at all levels; colleges and employers who benefit from Richmond students;	Strengthen existing K-12 professional learning opportunities; Provide teachers opportunities to learn in various formats including peer learning at site, summer intensives, research experience for educators, and more. Addressing priorities established by WCCSD, Richmond promise, other initiatives aimed at improving K-12 education.	# teachers participating; measures of change in teaching practice (time spent on STEM and/or other content covered in PD; increased teacher confidence; increase in teacher retention)		PLI, and School of Ed programs	
	B.	Provide resources for teacher development/training, curriculum and equipment	UC Berkeley, LBNL, WCCUSD, community colleges, local universities, businesses, community partner organizations		WCCUSD TK-12 educators, students at all levels; colleges and employers who benefit from Richmond students;	Increase K-12 professional learning opportunities for educators. Addressing priorities established by WCCSD, Richmond promise, other initiatives aimed at improving K-12 education.				
	C.	Program Evaluation	UC Berkeley, LBNL, WCCUSD, community colleges, local universities, businesses, community partner organizations		WCCUSD TK-12 educators (with students as ultimate beneficiaries); researchers	Data useful for evaluating the effectiveness of professional development programs				
	D.	Stipends for teachers to take classes	WCCUSD, UC Berkeley, LBNL, National Grantmaking organizations, federal and state governments		WCCUSD TK-12 educators (with students as ultimate beneficiaries); researchers	Increase K-12 professional learning opportunities; stipends make it possible for more educators to participate in professional development outside of regular classroom teaching time.	# of teachers participating in professional development programs			
4. Curriculum/staff development support Community College	A.	Facilitate partnerships to support Community College curriculum and faculty development	UC departments, units; Community partner organizations (to be filled in prior to Nov 10)		Community college faculty and students; Richmond commuity; businesses who benefit from better prepared employees	Increased access to curriculum and training for community college teaching staff; increased collaborations to promote student success.				
5. Curriculum/staff development Adult Education	A.	Facilitate partnerships to support Adult Education, including curriculum and programming, and teacher training and support.	UC departments, units; Community partner organizations (to be filled in prior to Nov 10)		Richmond community participants in Adult Education programs; local businesses; Community colleges	Addressing priorities established by WCCSD, Richmond promise, other initiatives aimed at improving K-12 education and out of school time educational opportunities to support student achievement and preparation for college, career, and community.				
6. Training for tutors and mentors participating in programs that support student success	A.	UCB/LBNL partner with community to develop tutors, train and prepare mentors; and science in the Hood through LHS	UC departments, units; Community partner organizations			Community volunteers engaged effectively as tutors and mentors, to contribute to overall student success.				
	B.	Facilitate partnerships to support student success through tutoring and mentoring	UC departments, units; Community partner organizations		Mentors and tutors who benefit through skill based volunteering, building community relationships					

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Youth and Adult Education Opportunity Fund

UCB and LBNL shall partner with local and regional leaders to strengthen and expand career pathway strategies and programs in the following ways::

Sub Recommendation		Strategies/Programs	Partners	Lead Entity	Beneficiaries	Expected Results	Performance Measures	Outreach	Notes:
Recommendation		UCB/LBNL will:	In Partnership with (include	With	For the Benefit of:	For these Results:	Measured by:	[target	Notes:
Youth and Adult Opportunity Fund	A.	Establish a $3 million Youth and Adult Opportunity Fund to seed and scale new and existing best practice programs that model university/lab/school and community partnerships and to address barriers students face in taking full advantage of career exposure opportunities. These barriers may include, but are not limited to, stipends, transportation, and materials.	WCCUSD, CCC, Community-based Organizations, fund administrator TBD		K-12, CC, adult and aftershool ed students	Increased number of work-based learning experiences in alignment with pathway curriculum; Increased number of students and adults participating in WBL experiences; improved experiences supporting academic success and persistence; improved sustainability of core programs	# of students participating; # of students and educators who report their experience was enriched by exposure to work-based learning expereinces; persistence in pursuing higher education among participating students;		Source: Anchor Richmond

UCB and LBNL should invest in and/or partner with Richmond strategies, programs and partnerships that address:

Recommendation		Strategies/Programs	Partners	Lead Entity	Beneficiaries	Goals	Results		Source
Recommendation		UCB/LBNL will:	In Partnership with:	With Leadership From	For the Benefit of:	For these Results:	Measured by:	Notes:	Submitted by
An education center, museum and visitor center be established at the Global Campus.	A.	Instruct its planners and architects to accommodate the center in their planning for the campus.	Architects, planners.	UCB	The general public, West Contra Costa County students, adult learners, tourists.	To provide sufficient space for the center, designed to satisfy the center's missions.	At no point in the planning and construction process is there a surprise or lack of preparation for the center. Also, so the costs of each stage can be determined in advance to facilitate fund-raising.		Josh Genser
	B.	Commit its fund-raising resources to work cooperatively with partners to raise funds for the planning and construction of the center.	Richmond Community Foundation, which will lead the fund-raising efforts.	UCB	The general public, West Contra Costa County students, adult learners, tourists.	To pay for the design and construction of the center.	Raising enough money at each stage of design and construction to pay the bills.		Josh Genser
	C.	Commit its existing museum expertise and resources to assist in the planning of the center.	Lawrence Hall of Science, Chabot Space and Science Center, Exploratorium, Tech Museum of Innovation.	UCB (see partners list)	The general public, West Contra Costa County students, adult learners, tourists.	So that the center is designed to satisfy its missions.	Designing a center to effectively deliver on the portions of its missions already being delivered by the various museums in and on the UCB campus.		Josh Genser
	D.	Commit its existing non-traditional teaching expertise to the planning of the center.	WCCUSD, Contra Costa College, Lawrence Hall of Science	UCB	The general public, West Contra Costa County students, adult learners, tourists.	So that the Center can deliver on its teaching missions.	Designing a center to effectively deliver on its classroom and laboratory educational missions.		Josh Genser
	E.	Commit its fund-raising resources to work cooperatively with partners to continuously raise the fund to operate the center.	Richmond Community Foundation	RCF-UCB	The general public, West Contra Costa County students, adult learners, tourists.	So that the center can operate.	Having a center with a sufficient budget.		Josh Genser
	F.	Encourage its researchers to satisfy their outreach obligations by contributing to or by participating in the activities at the center.	National Science Foundation, National Institute of Health, Centers for Disease Control, NASA, Department of Energy	UCB Office of Research	The general public, West Contra Costa County students, adult learners, tourists.	So that the center gets income from the community outreach set-aside required by grantors, and so that the intellectual capital of the University and the Lab are committed to the center.	A large percentage of the professors, lecturers and students at the Campus participate in the center by teaching, demonstrating, building exhibits.		Josh Genser
	G.	Operate or have a contractor operate a center for learning by both children and adults, and a visitor center and museum for casual visitors.	Lawrence Hall of Science, Chabot Space and Science Center, WCCUSD, Contra Costa College	UCB	The general public, West Contra Costa County students, adult learners, tourists.	To share the Global Campus' intellectual resources with children and adult learners, to engage the public with the Campus, to engage the public with the shoreline, to be an attraction for Richmond.	Broad public participation in the form of casual visitors, students delivered from and by WCCUSD and Contra Costa College and other nearby schools, participation in after school and weekend programs, summer day camps, science competitions.		Josh Genser
	H.	Explore feasibility of mobile version of museum/center	UCB, Richmond Main Street, City of Richmond, LHS, etc.	UCB, Richmond Main Street					Yuritzy; and community member at Oct 22

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