Richmond Bay Campus Working Group Resource Book

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<Date>

<First Name Last Name>
<Street Address>
<City, ST, Zip>

Dear <First Name>:

Thank you for your interest in serving on the Richmond Bay Campus Working Group. We received over 50 applications from a diverse and highly qualified group of Richmond based leaders who share our vision for development of a world class research campus that will result in multiple benefits for the local community, the Lawrence Berkeley National Laboratory, and the University of California, Berkeley. We are pleased to inform you that you have been selected to serve on the inaugural RBC Working Group. This letter is to welcome you and your organization to this process.

As you know, we are starting the Richmond Bay Campus Working Group on the heels of the UC Regent's approval of Long Range Development Plan (May 2014). In that Plan, we put forward a vision for a collaborative venture that will transform the Richmond Field Station into a campus that is in harmony with the Bay Area ecosystem, serves as a source of innovation and knowledge creation, and acts as an engine of economic growth locally and regionally. We are excited about the prospects of expanding the productive and long standing partnership with UC Berkeley, the Lawrence Berkeley National Laboratory and the local community to ensure the success of the Richmond Bay Campus.

We know that the partnership between UC Berkeley and Lawrence Berkeley National Laboratory at the Richmond Bay Campus will not be effective without support and engagement of diverse and powerful set of local and campus-based leaders, representing youth, parents, non-profit organizations, business, education, labor, philanthropy, and research. The group of leaders we have invited to serve on the RBC Working Group is truly remarkable. We know that you will want to work with our team to harness the talent and leadership in Richmond and ensure broad representation of the Richmond community in this process.

The first meeting of the RBC Working Group will be held on September 25th from 5:30 – 7:30pm at the Richmond Field Station, the site of the new campus. Along with taking time to get to know each other and share our hopes for success, the agenda will focus on the organizational mission, structure, roles, support, and future meeting logistics. Attached you will find a list of all RBC Working Group Members and a copy of the Joint Statement of Commitment which identifies the areas where we have made our joint institutional commitment to the Richmond community as part of the Richmond Bay Campus Working Group process.

Thank you again; we look forward to working with you. Please feel free to contact our Government & Community Relations staff Ruben Lizardo at UC Berkeley (rlizardo@berkeley.edu; 510-643-5296); or Armando Viramontes at Lawrence Berkeley National Laboratory (aviramontes@lbl.gov; 510-486-6251), with any questions you may have about the first meeting.

Sincerely,





Richmond Bay Campus Working Group

City of Richmond (1 seat)

Bill Lindsay, City Manager, City manager

Community-based Non-profit Organizations engaged in Education, Workforce Training, Business Development, Economic Development (4 seats)

Amanda Elliot, Executive Director, Richmond Main Street, Joel Mackey, Executive Director, West Contra Costa Education Fund, Jane Fishberg, Executive Director, Rubicon Tamisha Walker, Community Organizer, Safe Return Project

Faith-based Organizations (1 seat)

Claudia Jimenez, Community Organizer, Contra Costa Interfaith Supporting Community Organization (CCISCO), (Alternate Cristina Hernandez, Executive Director)

Business (2 seats)

Joshua Genser, business owner; member of Richmond Chamber and Council of Industries Ruth Vasquez, President and CEO, Richmond Chamber

West Contra Costa Unified School District (1 seat)

Marcus Walton, Director, Communications, WCCUSD

Contra Costa College (1 seat)

Tammeil Gilkerson, Vice President of Academic and Student Affairs, CCC

Youth (15 – 21 years old) (2 seats – vacant)

Philanthropy (2 seats)

Jim Becker, President and CEO, The Richmond Community Foundation Diane Aranda, Program Manager, The California Endowment

Richmond Neighborhood Coordinating Council (1 seat)

Donald Woodrow, President of Richmond Neighborhood Coordinating Council

Labor (2 seats)

Margaret Hanlon, Executive Director, Contra Costa County Labor Council, AFL-CIO Greg Feere, CEO, Vice President, Contra Costa County Building & Construction Trades Council (Alternate, Aram Hodess)

UCB/LBNL Engaged Scholarship/Research/Public Service (2 seats)

Kate Spohr, Research Outreach Specialist, Office of Vice Chancellor for Research, UCB Susan Brady Manager Workforce Development and Education, LBNL,

UCB & LBNL Local Community Government Relations (2 seats)

Ruben Lizardo, Director of Local Government and Community Relations, UC Berkeley Armando Viramontes, Government & Community Relations, Lawrence Berkeley National Laboratory

RBC Working Group: 10/19





JOINT STATEMENT OF COMMITMENT TO STRENGTHEN COMMUNITY PARTNERSHIPS BETWEEN UC BERKELEY, LAWRENCE BERKELEY NATIONAL LABORATORY, AND THE RICHMOND COMMUNITY

WHEREAS, the University of California, Berkeley (UC Berkeley) and the Regents of the University of California as manager and operator of Lawrence Berkeley National Laboratory (LBNL) are institutions committed to the advancement of higher education and profound discovery, and each is an important contributor to scientific research that stimulates economic growth; and

WHEREAS, on July 26, 2011, following the March proposal submissions from the City of Richmond and from UC Berkeley to locate the proposed LBNL second campus at UC Berkeley's Richmond properties, the City of Richmond and the greater Richmond Community showed significant public support for the development of a second campus for LBNL and UC Berkeley, with over 700 community members and local stakeholders attending a gathering at the Richmond Auditorium; and

WHEREAS, on January 23, 2012, UC Berkeley and LBNL announced the UC Berkeley Richmond properties as the preferred site to develop the Richmond Bay Campus in support of advanced research and development of cutting-edge technology and to accommodate future growth; and

WHEREAS, two of the goals of the Long Range Development Plan (LRDP) for the Richmond Bay Campus are to create a premiere research campus as a base for building partnerships on a physically attractive and open site supporting and complementing the teaching, research and public service programs of UC Berkeley and LBNL, and, to catalyze new discoveries, by facilitating inspiration along the full spectrum of the scientific research and development enterprise and fostering connectivity with the surrounding community; and

WHEREAS, UC Berkeley is currently a member of the Richmond community with one million square feet of development and approximately 300 employees at the Richmond Field Station and Regatta properties, and over the 40-year projected development horizon for the Richmond Bay Campus, the campus can grow to up to 5.4 million square feet with a potential employment of up to 10,000 people; and

WHEREAS, UC Berkeley and LBNL are significant local employers, committed to strengthening communities and creating an atmosphere that can expand and support innovation; and

WHEREAS, UC Berkeley and LBNL share the City of Richmond's vision of the Richmond Bay Campus as an economic engine for long-term economic revitalization, job creation and business development for the City and the region; and

WHEREAS, UC Berkeley and LBNL are active partners and stakeholders with the City of Richmond in the development of the South Shoreline Specific Plan, a plan designed to capture the stimulation and growth that is spurred from the Richmond Bay Campus, and the Richmond Transportation Connectivity Plan designed to assess the capacity of the local and regional transportation network and develop recommendations for improving multi-modal connectivity between the South Shoreline (including Richmond Bay Campus), Central Richmond neighborhoods, and neighboring cities; and

WHEREAS, the UC Berkeley, part of a statewide constitutional corporation and public trust, commits to 1) supporting the training, recruitment and employment of qualified local residents while legally prohibited from adopting mandatory workforce requirements based upon residency, 2) paying prevailing wages, 3) awarding construction projects pursuant to a transparent process, and 4) meeting federal and state regulations for employment and contracting; and

WHEREAS, the University of California system has campuses with regional projects of this scale that have voluntarily set goals to employ local residents; and

WHEREAS, UC Berkeley and LBNL, as public institutions, are committed to transparency and open communication regarding our research and safety; and the long-term growth of the proposed Richmond Bay Campus is enhanced by communication with the community about our plans as development evolves; and

WHEREAS, UC Berkeley and LBNL engaged in a two-year community process that entailed citywide meetings; neighborhood presentations; and meetings with community stakeholders and community-based organizations, during which recurring themes were a desire to strengthen partnerships and expand community programs in the areas of education, local employment, procurement and workforce training; and

WHEREAS, the City of Richmond, the West Contra Costa Unified School District in partnership with Contra Costa County, Contra Costa College, and community based organizations have been working to address income, health and education equity, and with 28% of Richmond children living in households under the poverty line, and approximately half the graduates from Richmond's three high schools not pursuing further education, UC Berkeley and LBNL have partnered to support education in Richmond with STEM education programs, engaged

scholarship and research, leadership development, public service, college advising, work-based learning, and life-long learning programs; and,

WHEREAS, the City of Richmond has a strong network of community based organizations, city programs, and active community stakeholders engaged in community planning who have expressed interest in participating in an ongoing engagement process with UC Berkeley and LBNL that is accountable to agreed-upon goals;

THEREFORE BE IT RESOLVED that UC Berkeley and LBNL will ensure on-going coordination and partnerships by establishing a Richmond community partnership Working Group to be cochaired and staffed by UC Berkeley and LBNL personnel. The Working Group will develop recommendations and proposals for inclusion in a Richmond Partnership Commitment within the defined scope of education, local employment, procurement and workforce training. Members of the Working Group will be representative of the Richmond community and organizations that are actively engaged in the above defined scope of work. UC Berkeley and LBNL will establish a selection process; members will be appointed to a minimum 2-year term by UC Berkeley and LBNL and the Working Group will establish protocols for evaluation and monitoring within the defined scope stated above. The Working Group will engage with the community immediately to develop recommendations and proposals for implementation plans with benchmarks, and when appropriate, recommendations for legally binding memoranda of understanding; and

BE IT FURTHER RESOLVED that UC Berkeley will work with WCCUSD, Contra Costa College, City of Richmond, and community-based organizations delivering early childhood education through adult education programs to strengthen partnerships in support of Richmond's educational goals including, but not limited to, support of early childhood education, WCCUSD Strategic Plan, Science, Technology, Engineering, Arts and Math (STEAM) education programs, engaged scholarship and research, leadership development, public service, college advising, work-based learning, internships, and life-long learning programs, and

BE IT FURTHER RESOLVED that LBNL will continue to designate Richmond as a core community for its educational resources, including K-8 programs, high school and community college internships; undergraduate research opportunities; and to target LBNL STEM education resources most effectively in Richmond; and

BE IT FURTHER RESOLVED that UC Berkeley and LBNL commit to helping to prepare Richmond residents-children, youth and adults- for college and careers by enhancing education and outreach programs with staff, faculty, students, in partnership with the Richmond community; and

BE IT FURTHER RESOLVED that UC Berkeley and LBNL will cooperate and collaborate with existing workforce training organizations community colleges and the City of Richmond — considering programs such as Richmond's Department of Employment & Training, Richmond BUILD, Contra Costa College in San Pablo, Richmond and Contra Costa County Workforce Development Boards, California approved joint labor management apprenticeship programs, Helmets to Hard Hats, local nonprofits, foundations, community based organizations, and others — to support training Richmond residents for meeting the ongoing and future employment needs of our two institutions.

BE IT FURTHER RESOLVED that UC Berkeley and LBNL, will provide economic opportunities to Richmond residents by taking the following steps to address local hiring and procurement:

- 1. Voluntarily set and monitor a local-hire goal, to be based on the UCSF local-hire model, for construction and infrastructure improvements, for non-DOE funded construction. This model will also consider local-hire practices within the City of Richmond; and
- 2. Require third party developers to pay prevailing wage for non-DOE funded construction contracts and meet UC Berkeley's local hire goals on buildings that will be substantially occupied by UC Berkeley; and
- 3. Work with the City of Richmond Department of Employment & Training to access contact and work-readiness information for qualified Richmond trades workers and apprentices; and
- 4. Work with community organizations, small business development programs, and workforce training programs to assist Richmond residents to respond effectively to opportunities at the main campuses and at the proposed Richmond Bay Campus; and
- 5. Develop best practices for proactive outreach and marketing of procurement and employment opportunities for Richmond residents for any Richmond Bay Campus-related development opportunity; and
- 6. Meet with community organizations in Richmond to develop strategies that assist women, minority, and veteran-owned small businesses to respond more effectively to currently available contract opportunities; and to report on these strategies to the Richmond Community Partnership working group; and

BE IT FURTHER RESOLVED that UC Berkeley and LBNL will establish a Richmond Community Partnership grant-making fund in Fiscal Year 2014-2015. UC Berkeley, which currently conducts research and operates programs at the Richmond Field Station, will seed this fund with an

initial contribution of \$50,000 per year. LBNL, will seed this fund with an initial contribution of \$25,000 per year. UC Berkeley and LBNL will increase contributions to the fund as the Richmond Bay Campus development expands to a sum not to exceed an annual contribution of \$300,000 per year upon full implementation of the Long Range Development Plan, and will seek, as appropriate, other private and philanthropic opportunities to match, leverage, and increase funds available to grow partnerships between Richmond community organizations, UC Berkeley and LBNL.

BE IT FURTHER RESOLVED that UC Berkeley, as the property manager, will collaborate with the City of Richmond per the *Framework and Memorandum of Understanding* on infrastructure, municipal and emergency services, and the balancing of employment generation resulting from the Richmond Bay Campus Project with the City's housing opportunities and policies in the South Shoreline Specific Plan and nearby areas.

BE IT FURTHER RESOLVED that LBNL's commitments to the above are subject to the Department of Energy rules, regulations, and the management contract between the Department of Energy and the Regents of the University of California and nothing herein shall be construed as a commitment of future funding from the Department of Energy

Therefore on this day 22 of April 2014, the University of California, Berkeley and Lawrence Berkeley National Laboratory hereby commit to pursue the above-referenced community partnership efforts, which will provide mutual benefits to the Richmond community, UC Berkeley, and Lawrence Berkeley National Laboratory.

Nicholas Dirks

A. Paul Alivisatos

Chancellor, UC Berkeley

Director, Lawrence Berkeley National Laboratory

Education

BE IT FURTHER RESOLVED that UC Berkeley will work with WCCUSD, Contra Costa College, City of Richmond, and community-based organizations delivering early childhood education through adult education programs to strengthen partnerships in support of Richmond's educational goals including, but not limited to, support of early childhood education, WCCUSD Strategic Plan, Science, Technology, Engineering, Arts and Math (STEAM) education programs, engaged scholarship and research, leadership development, public service, college advising, work-based learning, internships, and life-long learning programs, and

BE IT FURTHER RESOLVED that LBNL will continue to designate Richmond as a core community for its educational resources, including K-8 programs, high school and community college internships; undergraduate research opportunities; and to target LBNL STEM education resources most effectively in Richmond; and

BE IT FURTHER RESOLVED that UC Berkeley and LBNL commit to helping to prepare Richmond residents-children, youth and adults- for college and careers by enhancing education and outreach programs with staff, faculty, students, in partnership with the Richmond community; and

From: The Joint Statement of Commitment to Strengthen Community Partnerships Between UC Berkeley, Lawrence Berkeley national Laboratory and the Richmond Community

EXAMPLES OF EDUCATION PROGRAMS IN RICHMOND - UC BERKELEY

About these examples:

This DRAFT list offers an overview of some of the current programs and projects that University of California, Berkeley (UCB) and the Lawrence Berkeley National Lab (LBNL) support in Richmond, California. UCB and LBNL intend this list to start a conversation with our community partners about current and future engagement. This list is part of a <u>document</u> that was first shared at the February, 26, 2014 RBC Community Partnership meeting and is available here: chancellor.berkeley.edu/qcr/local-community/programs-initiatives#RBC.

Please note: This is not an exhaustive list. Also note that the future of programs and/or possible expansion is dependent on available resources.

UC Berkeley Education programs in Richmond

1. Programs at Richmond Schools through the <u>Center for Educational Partnerships</u>
UC Berkeley has partnered with Richmond high schools for over 40 years, offering college access programs and services through UC Berkeley's Center for Educational Partnerships with programs

like Destination College Advising Corps and the UC system's Early Academic Outreach Program (EAOP).

- **a.** Early Academic Outreach Program The UC Berkeley EAOP is committed to closing the opportunity gap and increasing access to higher education for under-served students, families and communities. EAOP partners with schools, districts and community organizations to prepare students for higher education. This is accomplished this by providing college preparation services and empowering students, families and communities for college and career success. In general, students are invited to apply during the spring of the 9th grade year; students can get an application from their respective College Centers. Richmond High School and De Anza High School have been EAOP Partner Schools.
- b. <u>Destination College Advising Corps</u> is a powerful peer and near-peer advising program to increase college-going focused on low-income, first generation students in under-served communities in California. The Adviser Fellows are recent college graduates and work as mentors and advisers to bring the college message to students through individual, small group, classroom, and school-wide events after an intensive training program during the summer. The Adviser Fellows are placed in school sites full time to increase college-going and provide a full range of options and opportunities for students beyond high school. DCAC presently has Adviser Fellows at De Anza and Richmond High Schools in West Contra Costa Unified School District.
- c. <u>Transfer Alliance Project</u> works with students at California Community Colleges to provide transfer assistance and workshops for all potential UC transfer students. TAP provides intensive one-on-one, student-centered services and TAP participants successfully transfer to UC Berkeley

at a rate that is nearly three times the overall transfer admission rate. In recent years, almost 20% of all underrepresented minority students who transfer to Berkeley are alumni of the TAP program. TAP works with Contra Costa and Diablo Valley Community Colleges in West Contra Costa County.

d. <u>East Bay Consortium</u> is a California Student Opportunity and Access Program (Cal-SOAP) working in the East Bay that organizes a comprehensive College Fair on the Berkeley campus in the fall of each year open to all students. In addition, EBC develops and implements Cash for College Workshops throughout the East Bay to support students and families in preparing their FAFSA financial aid forms. Cash for College events were held in the following high schools: El Cerrito, Pinole Valley, Richmond, Hercules Middle, Kennedy, De Anza, and Leadership Public Schools in West Contra Costa.

2. Federally funded Pre-College TRiO Programs, in Richmond Schools

The Federal <u>TRIO Programs</u> (TRIO is an umbrella term for a group of programs, and is not an acronym) are Federal outreach and student services programs designed to identify and provide services for individuals from disadvantaged backgrounds. TRIO includes programs targeted to serve and assist low-income individuals, first-generation college students, and individuals with disabilities to progress through the academic pipeline from middle school to post-baccalaureate programs.

- **a.** The <u>UC Berkeley Upward Bound and Upward Bound Math and Science</u> programs are federally funded programs. The Upward Bound Program was established as the first pre college program at the University of California, Berkeley in 1966. The Upward Bound Math and Science program was established in 1991 and currently is the only regional program of its kind, serving students from California, Hawaii and Nevada. Students receive weekly academic and cultural enrichment, comprehensive academic and college advising (including Financial Aid support, test prep etc.); Saturday Academy during the academic year, college field trips and; a six-week, intensive academic residential program to low-income, first generation students; providing them a college experience and a step towards college readiness. Priority enrollment is given to low income, first generation-to-college students in high school. Richmond and Kennedy High Schools are an Upward Bound and Upward Bound Math & Science Partner School in Richmond.
- **b. Talent Search** is a federally funded educational program serving low-income and/or first generation students from under-served communities. TS provides services that help middle and high school students achieve post-secondary success and better prepare them for a promising future. TS provides academic and college advising, Financial Aid support, a four week academic summer program on the Berkeley campus, a Southern California college tour, SAT/ACT test preparation, field trips, monthly workshops and family events. TS also offers college and career guidance to enrolled participants not attending a TS school in their office in Downtown Berkeley. Priority enrollment is given to low-income, first generation-to-college students in middle school and high school. De Anza High School is a Talent Search Partner School in Richmond.

- 3. Programs at Richmond Schools and with the West Contra Costa Unified School District through the UCB Center for Cities and Schools
 - **a. Y-PLAN** Over the past two academic years, students from **Richmond High School** are assisting the City of Richmond with the identification of local transportation issues and opportunities through the **Y-Plan.** Y-Plan (Youth-Plan, Learn, Act Now!) is an award-wining initiative that engages youth as stakeholders and participants in local planning projects with the mentorship of UC Berkeley students.
 - **b. PLUS (Planning and Learning United for Systems-Change)** Leadership Initiative continues to place interdisciplinary graduate students with the West Contra Costa Unified School District, where they are supporting the development and implementation of Full Service Community Schools in Richmond.

4. UCB Partnerships with Community-Based Collaborations

UC faculty have developed strong partnerships with the City of Richmond and other institutions. Professor Jason Corburn (DCRP/SPH) has supported and advised the work of the Richmond Health Equity Partnership, which includes leadership from the West Contra Costa Unified School District, the City of Richmond, and Contra Costa Health Services and is funded in part by the California Endowment.

Other UCB Programs in Education in Richmond

5. Principal's Leadership Institute: UC Berkeley's Graduate School of Education prepares leaders for San Francisco Bay Area urban schools. Students completing the program receive an M.A. in Education and a recommendation toward an Administrative Services Credential. This Credential authorizes service as a superintendent, associate superintendent, deputy superintendent, principal, assistant principal, dean, supervisor, consultant, coordinator, or in an equivalent or intermediate-level administrative position. Upon graduation, school leaders can participate in the Leadership Support program, offering one on one coaching, monthly meetings, etc. 36% of WCCUSD administrators are PLI graduates.

6. Space Sciences Laboratory

- a. Space Sciences Laboratory (SSL) has partnered with the RYSE Youth Center in Richmond (www.rysecenter.org) and has worked with RYSE on a pilot project to do a documentary about our Lab, which can be found here: http://www.youtube.com/watch?v="lEFmDC6zj4">http://www.youtube.com/watch?v="lEFmDC6zj4">lEFmDC6zj4. It was a great way to get their youth excited about the science here, and we currently have a proposal submitted for the recent Innovation Grants call to do more intense and UCB-wide projects of this nature with them.
- **b**. SSL runs a program called **NOVAS** (<u>www.nasanovas.org</u>) at the <u>Teen Center</u> in Berkeley, and has been asked by <u>Girls, Inc.</u> to help them duplicate it at **high schools in Richmond**. The program highlights both NASA and UC Berkeley STEM research. Girls Inc. has submitted foundation requests to help fund this effort, but none have been successful to date.

- 7. The UC Berkeley SAGE Scholars Program provides professional level leadership and career development training for *first-generation UCB undergraduates* with financial need, through internships, mentoring, and education. The West Contra Costa Public Education Fund (Ed Fund) has been an outreach partner with the SAGE Scholars Program. SAGE Scholar interns work with the Ed Fund in Richmond in areas of fund development and community program oversight. The SAGE Scholars Program is committed to working with academic, business, and outreach partners as well as the broader community to provide career success by incorporating the important correlation between academic and real-world experience for professional career success. Priority is given to students from low-income families. The SAGE Scholar Executive Director provides resources, teacher and student professional development skills and consultation to the Ed Fund in Richmond.
- **8. Bridging the Arts**, a program of the <u>Department of Art in Practice</u>, is a service-learning class that matches UCB students with non-arts classes during the school day. Students work with their teacher to integrate arts into the content. Bridging the arts has brought UCB students to Richmond elementary school classrooms.
- **9.** Let's Rise brings together UC Berkeley students who are interested in providing educational and social support for Asian Pacific American youth in our surrounding community. Let's Rise is traditionally a one-to-one mentorship program targeting underrepresented Asian/Pacific Islander youth at Helms Middle School in Richmond, CA. Let's Rise brings a group of dedicated mentors from UC Berkeley to the Helms campus every Friday afternoon, to provide tutoring and promote the pursuit of higher education, as well as serve as emotional and psychological support systems for their mentees. Through academic enrichment, recreational bonding activities, political/community awareness workshops, and long-lasting mentor-mentee relationships, Let's Rise strives to foster confidence, leadership, empowerment and a sense of identity among the youth that the program serves.
- 10. iCLEM (Introductory College Level Experience in Microbiology) places "high potential, low income" high school sophomores and juniors in paid internships on campus and with the Joint BioEnergy Institute, which is managed by the Lawrence Berkeley National Lab. The Berkeley Engineering Research Experiences for Teachers (BERET) program provides teachers and teachers-to-be with paid summer research fellowships and guides them to develop and teach lessons that connect engineering research to K-12 science and mathematics curricula in the classroom. The program is jointly operated by SynBERC and the Cal Teach science and mathematics teacher education program.
- 11. Richmond Field Station The UC Berkeley Richmond Field Station (RFS) and the College of Engineering has worked for years with the city of Richmond and local schools. Throughout the year RFS has made research facilities available to for junior high and high school field trip programs. Most recently the Richmond High School Engineering Partnership Academy has been engaged at the site. The Richmond High School students look forward to their annual tour of the cutting edge research going on at RFS. The most recent tour included the Pacific Earthquake Engineering facility, the Seismic Shaker Table and the UC Berkeley Hydrogen Fuel Cell Vehicle Program. During their lunch break RFS staff also introduced the Richmond students to a number of undergraduate student clubs including the Formula SAE and the Solar Powered Competition teams. This year, RFS staff look forward to continued

partnership with the Richmond School District field trip program and also offering and Open House to the general public to demonstrate and show case many of the interesting research and student projects underway at RFS.

12. Lawrence Hall of Science

- a. The LHS-East Bay Academy for Young Scientists (EBAYS) provides opportunities for students in grades four through twelve to engage in a combination of content learning and research activities that together encourage the growth of conceptual understandings and critical thinking skills. EBAYS programming is presented at partner sites as either school day, after school and/or summer components. At each site EBAYS presents curriculum that blends inquiry-oriented activities that enhance students' understanding of key STEM content and scientific practices with student led, community-based research investigations that provide opportunities for students to apply newly acquired understandings and skills in real-world contexts. Over the past year EBAYS programming has been presented at: Kennedy High School, DeJean Middle School, and Coronado, Ford, Grant, and Stege elementary schools.
- b. Library (main) and Richmond Art Center summer programs initiative provides direct-service learning through an existing collaboration between RAC and Richmond libraries. A recent Oaxacan cultural arts and science effort was made in conjunction with the Richmond Art Center and the Richmond Main Public Library, bringing engineering challenges to summer programs through the RAC and Richmond partnering libraries, through two, one-week sessions with ½ day of programming, resulting in an students automata -building an Oaxacan spiritual animal.
- **c. Out of School Time** is an LHS program that works at two levels:
 - Building awareness about LHS, the resources and services LHS provides as a UC Berkeley public science center and developing STEM advocacy through regular participation in OST Collaborative meetings with all partners.
 - 2. Providing, through the Ed Fund, professional development and after-school science kits to out-of-school time providers to include STEM as part of their programing.

13. The following **LHS programs** are open to area schools and communities:

- a. Fieldtrips and workshops to the Lawrence Hall of Science; LHS offers dozens of workshops in earth science, life science, math, physical science that can be given at the Hall or in schools for 12-32 students, age 20-12.
- b. **Festivals:** Student and adults investigate, experiment, and problem-solve at some 10 to 12 tabletop exhibits. Festivals create an engaging atmosphere for open houses, family nights, and community events at your school. Perfect for groups of 40–150, grades K through 12.

- c. **Curriculum programs**: LHS science and math curricula offer engaging, inquiry-based instructional materials designed by leading educators at UC Berkeley. They reach at least 25 percent of the nation's K–12 students at some point in their schooling. Each program provides ongoing support and education in the use of these innovative materials and methods.
- d. **Full Option Science System** (FOSS) FOSS is a research-based science curriculum for grades K-8 developed at the Lawrence Hall of Science, University of California, Berkeley. The FOSS program materials are designed to meet the challenge of providing meaningful science education for all students in diverse classrooms and to prepare them for life in the 21st century. Each FOSS investigation follows a similar design to provide multiple exposures to science concepts including, active investigations, recording in science notebooks, outdoor experiences, reading and assessment. FOSS staff offers teacher professional development. Different types and levels of workshops are offered. For more information on FOSS: http://www.fossweb.com. Please contact Joanna Totino jtotino@berkeley.edu for any further questions.
- e. *California Girls in STEM*: LHS is actively addressing this need by partnering with the National Girls Collaborative Project to convene the *California Girls in STEM* (**CalGirlS**), the California regional affiliate. CalGirlS is a grassroots effort lead by STEM leaders in California including organizations that promote and support girls' development and education.
- f. **Professional Development:** works with a variety of educators, ranging widely from teachers in formal K-12 classrooms, to informal educators in science centers, and to undergraduate and graduate students. Each year, over 20,000 educators participate in LHS professional development workshops through regional, national, and international programs.
- g. Bay Area Science Project (BASP) is one of 18 California Science Projects across the state providing K–12-science education. BASP is committed to quality, standards-based science education that is equitable and accessible for all students. BASP offers science professional development for teachers. BASP works with district initiatives as well as school reform efforts. BASP hosts a Saturday Seminar Series on a variety of topics which is open and free to all educators. The overarching goal of BASP's effort is to increase all students' access, learning, and achievement in science.

EXAMPLES OF EDUCATION PROGRAMS IN RICHMOND — LAWRENCE BERKELEY NATIONAL LABORATORY

- 1. The LBNL <u>Center for Science Education and Engineering</u> programs match high school and community college students from disadvantaged neighborhoods with paid LBNL summer internships. For applications and more information about LBNL's science education program please go to: http://csee.lbl.gov/.
- 2. LBNL through its Workforce Development and Education programs has engaged with the Richmond community in a number of different ways. Here are some examples:
 - a. Family Science Night at Washington Elementary School in Point Richmond (this year and last)
 - b. Several Richmond and WCCUSD fifth grade classes have come and will come to participate in the onsite **BLAZES** program for 5th graders. BLAZES provides hands-on activities, a research lab tour, and talks from scientist volunteers. We are providing bus transportation for several classes that are otherwise unable to come, working with WCCUSD Superintendent Bruce Harter's office.
 - c. We have involved Richmond students in a new program with **Google hangout** held in February, 2014, provided a field trip to the Lab last spring and are planning another this year. LBNL education staff serves on the Richmond High School Engineering Academy Advisory Board.
 - d. LBNL education staff serves on the **Richmond High School Engineering Academy Advisory Board**. We provided a field trip to the Lab last spring and are planning another this year, as well as involving them in a new program with Google hangout held earlier this month.
 - d. LBNL provided a community **Bubble Festival** spring 2013 as part of a program at the Richmond Art Center and hope to do the same in spring 2014.
 - e. We are continuing to talk with WCCUSD about the Ed Fund's initiative for **out of school learning**, and may be providing some science activities for Richmond schools.
 - f. LBNL recruits interns from Contra Costa College each year for **Community College Internship** and **Science Undergraduate Laboratory Internship** programs, working with Contra Costa College's Center for Science Excellence.

Local Hire

BE IT FURTHER RESOLVED that UC Berkeley and LBNL, will provide economic opportunities to Richmond residents by taking the following steps to address local hiring and procurement:

- 1. Voluntarily set and monitor a local-hire goal, to be based on the UCSF local-hire model, for construction and infrastructure improvements, for non-DOE funded construction. This model will also consider local-hire practices within the City of Richmond: and
- 2. Require third party developers to pay prevailing wage for non-DOE funded construction contracts and meet UC Berkeley's local hire goals on buildings that will be substantially occupied by UC Berkeley; and
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- 4. Work with community organizations, small business development programs, and workforce training programs to assist Richmond residents to respond effectively to opportunities at the main campuses and at the proposed Richmond Bay Campus; and

From: The Joint Statement of Commitment to Strengthen Community Partnerships Between UC Berkeley, Lawrence Berkeley national Laboratory and the Richmond Community

EXAMPLES OF LOCAL HIRE PROGRAMS IN RICHMOND - UC BERKELEY

About these examples:

This DRAFT list offers an overview of some of the current programs and projects that University of California, Berkeley (UCB) and the Lawrence Berkeley National Lab (LBNL) support in Richmond, California. UCB and LBNL intend this list to start a conversation with our community partners about current and future engagement. This list is part of a document that was first shared at the February, 26, 2014 RBC Community Partnership meeting and is available here: chancellor.berkeley.edu/gcr/local-community/programs-initiatives#RBC.

Please note: This is not an exhaustive list. Also note that the future of programs and/or possible expansion is dependent on available resources.

Local Hire

There are currently job opportunities available at both UCB and LBNL today. LBNL has typically had more than 200 job openings at any given time, and we invite those interested in employment at LBNL not to wait for the opening of the Richmond Bay Campus but to review current listings at: <u>jobs.lbl.gov</u>. You can view UC Berkeley's current job openings at: <u>jobs.berkeley.edu</u>.

Procurement

BE IT FURTHER RESOLVED that UC Berkeley and LBNL, will provide economic opportunities to Richmond residents by taking the following steps to address local hiring and procurement:

•••

- 5. Develop best practices for proactive outreach and marketing of procurement and employment opportunities for Richmond residents for any Richmond Bay Campus-related development opportunity; and
- 6. Meet with community organizations in Richmond to develop strategies that assist women ,minority, and veteran-owned small businesses to respond more effectively to currently available contract opportunities; and to report on these strategies to the Richmond Community Partnership working group; and

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EXAMPLES OF PROCUREMENT PROGRAMS IN RICHMOND - UC BERKELEY

About these examples:

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Please note: This is not an exhaustive list. Also note that the future of programs and/or possible expansion is dependent on available resources.

Contractors can currently review construction bids for University construction and learn how to submit a bid by visiting the Capital Projects website: http://www.cp.berkeley.edu/.

Supplier Diversity: The Program promotes business relationships and contract opportunities for small, local, and diverse businesses wishing to provide goods and services to the University community. The Supplier Diversity Program Coordinator educates small and minority business suppliers on how to foster relationships and provide goods and services to UC Berkeley departments; Provides small and minority business resources to departments; works with them to consider and purchase from small/minority businesses to support their operational and research needs; Assists campus project teams, which have been awarded federally funded research contracts and grants, to develop small business plans which enable them to achieve specific federal small business utilization goals as directed under the <u>FAR Part 19</u>, and <u>40 CFR</u>; And Collaborates with other UC campuses and small business development programs to promote small and minority business interests at UC Berkeley and throughout the <u>UC system</u>. Diversity training includes 4 modules: 1. UC Ethical Standards & Supplier Diversity Policies; 2. Federal Regulations; 3 Supplier Diversity Roles and Responsibilities; 4. Reporting Requirements. To learn more, go to the UC Berkeley Business Services website: http://businessservices.berkeley.edu/ procurement/diversity.

Reporting:

State The Supplier Diversity Program Coordinator from each UC campus must submit an annual State of California report showing small and diverse business utilization for that fiscal year with the Office of the President (UCOP). UCOP then files the Report on Small Business Utilization at the University of California, representing all of the campuses, with the State of California.

EPA: EPA Cooperative Agreements incorporate fair share goals for purchasing from disadvantaged businesses, including small businesses and women-owned and minority-owned business enterprises

Federal: UC complies with Federal reporting requirements.

See http://procurement.berkeley.edu/

3. <u>Haas Social Sector Solutions</u>, an experiential learning course through which students tackle complex problems for clients in the non-profit, public and social enterprise sectors, produced a <u>report</u> for the City of Richmond entitled "The Richmond Bay Campus Report: Strategic Business Plan and Marketing Strategy: Positioning Richmond for Success." Analysis about economic development and the RBC included direct procurement and related recommendations, intended to ensure that "the City act to position existing Richmond businesses for success, collaborate with partner organizations, and attract new businesses to Richmond." See the City of Richmond RBC website where the report is posted.

EXAMPLES OF PROCUREMENT PROGRAMS IN RICHMOND — LAWRENCE BERKELEY NATIONAL LABORATORY

Vendors interested in doing business with LBNL now, or in the future, can visit the "Doing Business with LBNL" website at http://www.lbl.gov/Workplace/CFO/pro/business.html, review applicable policies and speak with a procurement representative. LBNL has an annual target for purchasing from small business, which typically is set at about 50% of our total annual procurement value. If you are a Small, Hubzone, Veteran-Owned, Small Disadvantaged, or Woman-owned Small Business please see our Small Business-focused policies and site: http://www.lbl.gov/Workplace/CFO/pro/small-bus/index.html.

Workforce Training

BE IT FURTHER RESOLVED that UC Berkeley and LBNL will cooperate and collaborate with existing workforce training organizations community colleges and the City of Richmond — considering programs such as Richmond's Department of Employment & Training, Richmond BUILD, Contra Costa College in San Pablo, Richmond and Contra Costa County Workforce Development Boards, California approved joint labor management apprenticeship programs, Helmets to Hard Hats, local nonprofits, foundations, community based organizations, and others — to support training Richmond residents for meeting the ongoing and future employment needs of our two institutions.

From: The Joint Statement of Commitment to Strengthen Community Partnerships Between UC Berkeley, Lawrence Berkeley national Laboratory and the Richmond Community

EXAMPLES OF WORKFORCE TRAINING PROGRAMS IN RICHMOND — UC BERKELEY

About these examples:

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Please note: This is not an exhaustive list. Also note that the future of programs and/or possible expansion is dependent on available resources.

1. Regional Partnerships for Education, Workforce and Economic Development

UC Berkeley is a member of a number of regional partnerships that serve Richmond residents including: the Design It Build It, Ship It Department of Labor funded partnership that includes Contra Costa Community College District, industry and workforce representatives.

- a. **Design It, Build It, Ship It** is a new partnership among higher education, workforce development, and business to support job growth and business development. DBS is a regional workforce initiative that creates clear education and training pathways for adults who are pursuing certification or 2-year and 4-year degrees in engineering, advanced manufacturing, biosciences, logistics and transportation. The \$14.9 million grant from the U.S. Department of Labor was awarded through a competitive grant program authorized in 2010. To learn more visit the Contra Costa College District website or read Congressman Miller's announcement about the grant.
- b. East Bay Green Corridor Partnership, focused on business and workforce development in green technology and innovation. East Bay Green Corridor Project is a partnership between the cities of Berkeley, Oakland, Richmond, and Emeryville; Lawrence Berkeley National Laboratory; and UC Berkeley. Established in December 2007, the goal of the partnership is to make the East Bay the "Silicon Valley of the green economy."
- c. The <u>East Bay Biomedical Manufacturing Network</u> is convened by a partnership of regional entities focused on building an East Bay biomedical, manufacturing network for business assistance, technology transfer, education and training, and economic development in the East Bay of the San Francisco Bay Area. One of the networks' <u>education and training partners</u>, UC Berkeley connects faculty and students with regional businesses in advanced manufacturing jobs in the biomedical industry. Through the <u>Bio-Manufacturing to Market</u> program we place intern teams with emerging start-ups and established business to support research and business development.

d. The <u>East Bay Economic Development Alliance</u> (East Bay EDA) is a public/private partnership serving the San Francisco East Bay including Alameda and Contra Costa Counties. The Alliance works to establish the East Bay as a world-recognized place to grow businesses, attract capital, and create quality jobs. UC Berkeley is an active member focusing on bridging education pathways to careers in regional industries and a representative from the Lawrence Berkeley National Lab serves on the board. Learn more about the <u>East Bay EDA</u> or visit the <u>East Bay EDA</u> contact page.

2. Other forms of workforce training

a. The UCB, UCSF <u>Joint Medical Program</u> (JMP) is an accredited, five-year Master of Science/Medical Doctorate Program at the University of California. (JMP) has medical students who do part of their medical training in Richmond. Currently the JMP has medical students training with preceptors in Richmond. A preceptor is a skilled practitioner who supervises students in a clinical setting to allow practical experience with patients. Current preceptor sites in Richmond -- Kaiser Permanente Medical Group, Richmond. In the past, the JMP has also worked with Richmond Health Center, Hilltop Pediatrics. The JMP hopes to expand their presence in Richmond, by reaching out to alumni and potentially working at school-based sites as the program currently does in Oakland.

iCLEM (Introductory College Level Experience in Microbiology) places "high potential, low income" high school sophomores and juniors in paid internships on campus and with the Joint BioEnergy Institute, which is managed by the Lawrence Berkeley National Lab. The Berkeley Engineering Research Experiences for Teachers (BERET) program provides teachers and teachers-to-be with paid summer research fellowships and guides them to develop and teach lessons that connect engineering research to K-12 science and mathematics curricula in the classroom. The program is jointly operated by SynBERC and the Cal Teach science and mathematics teacher education program

Foundational Documents - UC Berkeley, Lawrence Berkeley National Lab

Websites: UC Berkeley, Lawrence Berkeley National Lab

richmondbaycampus.lbl.gov/

The Berkeley Lab's Richmond Bay Campus <u>website</u> is a good source of background materials. Here you can find The Long Range Development Plan and Environmental Documents as well as notes and videos from meetings as far back as September, 2012.

chancellor.berkeley.edu/gcr/local-community/programs-initiatives#RBC

UC Berkeley's Richmond Bay Campus <u>webpages</u> are found on the Government and community Relations pages. Here you can find more detailed information about the community engagement meetings that lead up to the Joint Letter of Commitment. Documents available here include agendas, notes from community participatory activities and resources that were distributed at meetings related to education local hire, procurement and workforce training.

Richmond Bay Campus Long Range Development Plan

A Long Range Development Plan (LRDP) is defined as a "physical development and land use plan to meet the academic and institutional objectives for a particular campus or medical center of public higher education" (Public Resources Code of the State of California Section 21080.09). It is a comprehensive document that establishes the land use patterns and relevant policies to guide the implementation of facilities and infrastructure development. In this case, the Richmond Bay Campus LRDP establishes overarching goals and strategies to guide the long-term development of the Richmond Bay Campus through the year 2050, and:

- establishes a framework to achieve development goals for the University's Richmond properties identified by UC Berkeley in its 2002 RFS working paper, chiefly: develop the properties to create a premiere research facility supporting and complementing teaching, research, and public service programs of the University.
- communicates a vision of the Richmond Bay Campus as a physically attractive open site where sensitive natural resources are preserved and the local communities are enriched by the research and development enterprise.
- underpins entitlement of up to 5.4 million gross square feet of research, education, and support space capacity and related utility and transportation infrastructure.
- identifies the need for transportation improvements that connect the campus locally, regionally, and to LBNL and UC Berkeley.

- promotes the achievement of ambitious sustainability goals in a manner that is transparent, uses resources efficiently, and cultivates a living laboratory.
- guides campus development in a fiscally responsible manner which leverages capital investment to address existing legacy brownfield conditions in accordance with sustainable land use best practices.

You can view or <u>download the LRDP</u> in its entirety at the Lab's RBC website: richmondbaycampus.lbl.gov/environmental documents.html

Final Environmental Impact Report for the Richmond Bay Campus LRDP

The environmental impact report (EIR) evaluates the potential for environmental impacts from implementation of the proposed Richmond Bay Campus Long Range Development Plan (LRDP). The EIR is a public informational document for use by University of California (UC or the University) decision-makers and the public, as it informs the University of California, Board of Regents (The Regents), responsible agencies, trustee agencies, and the public of the proposed project's environmental effects. It is intended to identify, publicly disclose and evaluate potential environmental consequences of the proposed project, to identify mitigation measures that would lessen or avoid significant adverse impacts, and to examine feasible alternatives to the project.

You can view or <u>download the EIR</u> in its entirety at the Lab's RBC website: richmondbaycampus.lbl.gov/environmental_documents.html

Partner Resources -- The City of Richmond

The City of Richmond maintains Richmond Bay Campus web content located here: http://www.ci.richmond.ca.us/index.aspx?NID=2397

These webpages include information about City resources and community meetings. Below is a screen shot of the Resources page, available here: www.ci.richmond.ca.us/index.aspx?NID=2505.



Richmond Bay Campus: Leveraging Partner Assets for Economic & Social Vitality in Richmond





