

BOARD MEETING DATE: September 4, 2015

AGENDA NO. 14

PROPOSAL: Authorize Executive Officer to Execute Agreement to Transfer Oversight of BP/SCAQMD Public Benefits Program to Board, Approve Administrative Changes to Existing Program Contracts, and Execute a Contract for Air Pollution Health Effects Study

SYNOPSIS: This action is to approve an agreement with BP to transfer oversight of the BP/SCAQMD Public Benefits Program to the Board, approve administrative changes for several current projects funded by the Program, and to fund a health study related to the ability of ambient pollutants to exacerbate the development of an allergic response in an animal model. The study is by the University of California, Los Angeles and Michigan State University for an amount not to exceed \$172,000. The proposed study will be funded from the BP/SCAQMD Public Benefits Oversight Special Revenue Fund (Fund 65).

COMMITTEE: Administrative, July 17, 2015; Less than a quorum was present; the Committee Members concurred that this item be approved by the Board.

RECOMMENDED ACTIONS:

1. Authorize the Executive Officer to execute an agreement with BP to transfer authority of the BP/SCAQMD Public Benefits Program from the BP/SCAQMD Public Benefits Oversight Committee to the Board;
2. Approve administrative changes related to project timelines and budget reallocations for project agreements of several ongoing projects funded under the Public Benefits Program as listed in the Attachment;
3. Authorize the Executive Officer to execute a contract with the University California, Los Angeles to conduct the research project "Determination of the Synergistic/Additive Adjuvant Effect among Ozone, Vapor-phase Pollutant and Particulate Matter on Allergic Sensitization" in an amount not to exceed \$172,000 from the BP/SCAQMD Public Benefits Oversight Special Revenue Fund (Fund 65).

Barry R. Wallerstein, D.Env.
Executive Officer

Background

In 2005, SCAQMD and BP West Coast Products LLC (BP) entered into a settlement agreement that committed BP to provide \$3,000,000 per year for ten years, for a total commitment of \$30,000,000, to fund community benefit programs selected by a Public Benefit Programs Oversight Committee. The Committee consists of two representatives from BP, two representatives from the Board, and a public member. To date, BP has expended \$29,822,198 under this agreement. The remaining funds (\$172,802) were transferred on January 2015 to SCAQMD into a BP/SCAQMD Public Benefits Oversight Special Revenue Fund and are available for new projects.

The program is nearing completion, and BP no longer has a presence within the District. Transferring oversight responsibility for the remaining portions of the program to the Board would allow the efficient wind down of the program. This oversight would transfer all decisions relating to the program, including expenditure of remaining funds and any amendments to ongoing projects.

Proposal

This action is to transfer all remaining oversight of the BP/SCAQMD Public Benefits Program to the Board, to approve several requests for amendments to current project agreements, and to fund the second year of a research project, the first year of which was funded by the Public Benefits Program.

The requested agreement amendments are listed in the Attachments and include time extensions and budget modifications. Attachment 1 is a request from Queenscare Health Centers to reallocate funds among budget categories for their Pediatric Asthma Disease Management Programs. Attachment 2 is a request from Providence Little Company of Mary to reallocate funds among budget categories for the project "Creating Opportunities for Physical Activity" at Hawaiian Avenue and Gulf Avenue elementary schools in Wilmington. Attachment 3 is a request from USC to reallocate funds among budget categories and for a no-cost extension to October 1, 2016, for the study "New Tools for Maximizing Health and Economic Benefits of Air Pollution Regulation." Attachment 4 is a request from Long Beach Alliance for Children With Asthma to reallocate funds among budget categories and for a no-cost extension to August 1, 2015, for projects providing health care education and asthma management services.

The proposed health study is related to determining the ability of ozone to enhance the effects of particulate and vapor-phase pollutants on the development of allergic reactions in the lungs of experimental animals. The research proposal for this project was originally submitted in response to a Request for Proposals to the BP/SCAQMD Public Benefits Program Oversight Committee. The proposal received a favorable rating under the Committee's review process, and the initial year of the project was funded by the BP/SCAQMD Public Benefits Program. This request is to cover the

second phase of the research. Additional information on the proposed research project follows.

Ambient exposures to air pollutants have been associated with a number of health effects. In the South Coast, populations are exposed to a multi-pollutant mix which includes ozone, fine particulates, and organic substances in the vapor phase. These latter substances are often referred to as volatile and semi-volatile compounds. Ozone is a highly reactive oxidant of photochemical smog and co-exists with other air pollutants. It is formed through the interaction of sunlight with oxygen, nitrous oxides and volatile organic chemical compounds. Epidemiological evidence has established that exposure to ozone can cause respiratory problems including allergic airway inflammation such as asthma, and this has been corroborated in experimental studies. Although ozone occurs along with particulate matter and vapor-phase pollutants, the combined health effects of ozone and other air pollutants are not well studied. While the synergistic and/or additive effect between ozone and PM on allergic airway inflammation has been reported by human and animal studies, little is known about how co-exposure to ozone and vapor-phase pollutants or exposure to a multi-pollutant environment involving ozone, PM, and vapor-phase compounds will affect allergic airway inflammation.

The project, "Determination of the Synergistic/Additive Adjuvant Effect among Ozone, Vapor-phase Pollutant and Particulate Matter on Allergic Sensitization," will be accomplished by the University of California, Los Angeles in conjunction with Michigan State University. It includes administering extracts of particulate and vapor-phase samples obtained from ambient air in the South Coast Air Basin, along with exposures to ozone or to clean air. This project to investigate the synergistic/additive adjuvant effect among ozone, PM, and vapor-phase pollutants has the advantage of the availability of an ozone exposure system at Michigan State University. This system allows for the conducting of ozone-related multi-pollutant research.

Three objectives for achieving the project goal are to: (1) determine the adjuvant effect of PM on allergic sensitization to the experimental allergen ovalbumin (OVA); (2) assess the adjuvant effect of vapor-phase chemicals; and (3) investigate whether there is a synergistic adjuvant effect between PM and vapor-phase chemicals and whether ozone exposure influences the effects of particulate and vapor phase substances.

Previous experiments were conducted during the first phase of this project to accomplish objectives 1 and 2. The results showed that ambient PM_{2.5} collected in San Bernardino, California could promote allergic sensitization, leading to an enhanced allergic airway inflammation upon allergen re-exposure in the mouse model. On the contrary, this effect was not observed in the animals exposed to the vapor-phase sample that was collected in parallel with the PM_{2.5}. The experiments planned for the research

to be supported by this request will expand to include exposure to ozone in addition to the extracts from the particulate and vapor phase samples.

Based on previous studies, it is anticipated that either PM or ozone alone can exert an adjuvant effect on OVA sensitization, and there is a synergistic or additive adjuvant effect when the animals are exposed to both pollutants during OVA sensitization. As has been observed in the first year of the study, vapor alone was not sufficient to act as an adjuvant for OVA sensitization. However, the strong oxidant potential of ozone may alter or overwhelm the cellular antioxidant defense and therefore potentiate the capability of vapor-phase pollutants to act as an adjuvant on OVA sensitization. It is hypothesized that exposure to a combination of ozone, PM, and vapor during OVA sensitization will lead to the strongest allergic airway inflammation compared to exposure to one or two pollutants.

Benefits to SCAQMD

The results of these projects will provide information to help understand the linkage between exposures to multiple pollutants, as occur in the South Coast, on the production of respiratory-related health effects. Information from this project will provide important insight to understanding how individual air pollutants contribute to the overall effect of a multi-pollutant environment (ozone, PM and vapor-phase compounds) on allergic airway inflammation such as asthma. To date, the impact of co-exposure to ozone, PM, and vapor-phase pollutants has not been studied as a collective issue due to lack of knowledge on the effects of vapor-phase chemical compounds. Such information will contribute to a strong scientific basis on which to develop and to assess strategies designed to protect the public from exposure to specific components or pollutants found in the South Coast.

Sole Source Justification

Section VIII.B.2. of the Procurement Policy and Procedures identifies four major provisions under which a sole source award may be justified. This request for a sole source award is made under provision B.2.d. Other circumstances exist which in the determination of the Executive Officer require such waiver in the best interest of the SCAQMD. Specifically, clause B.2.d.(1): Projects including cost-sharing by multiple sponsors; clause B.2.d.(8): Research and development efforts with educational institutions or nonprofit organizations; and B.2.c.(1): The unique experience and capabilities of the proposed contractor or contractor team.

Resource Impacts

The total cost for completion of this research project is \$385,618. For the initial year the amount of \$213,618 was funded by the BP/SCAQMD Public Benefits Program. Staff proposes to provide the cost of \$172,000 to complete the second phase of this project. Sufficient funds are available from the BP/SCAQMD Public Benefits Oversight Special Revenue Fund (Fund 65).

Attachments

1. Request from Queenscare Health Centers to Reallocate Funds Among Budget Categories
2. Request from Providence Little Company of Mary to Reallocate Funds Among Budget Categories
3. Request from USC to Reallocate Funds Among Budget Categories and for a No-Cost Extension to October 1, 2016, for the Study “New Tools for Maximizing Health and Economic Benefits of Air Pollution Regulation”
4. Request from Long Beach Alliance for Children With Asthma to Reallocate Funds Among Budget Categories and for a No-Cost Extension to August 1, 2015



Pediatric Asthma Disease Management (PADM)

950 South Grand Avenue, 2nd Floor South | Los Angeles, CA 90015

June 2, 2015

BP Oversight Committee (BPOSC)
c/o Jean Ospital
Health Effects Officer
South Coast Air Quality Management District

Re: Request for Reallocation of Budget Line Items

Dear Committee Members:

QueensCare Health Clinics (QHC) is respectfully requesting approval to revise our cost proposal and reallocate certain budget items as detailed below:

From Initial Proposed Line Items	Request To New Line Items
Director of Nursing Salary (\$6,000)	PACE Continuing Education Asthma Education for Primary Care Providers (\$6,000)
Educational Materials (\$1,000)	Biostatistician (\$1,000)
Medical Supervisor (\$1,848)	Biostatistician (\$1,848)
Fringe Benefits (\$2,354)	CCP Certification Training (\$1,400) and Biostatistician (\$954)

The rationale for requesting these line item reallocations are:

1. Our organizational priorities have shifted slightly since the grant proposal was drafted in 2011-2012. We no longer have the position of Director of Nursing, so the salary allocation of \$6,000 would be better utilized toward the line item of PACE Continuing Education to provide asthma seminars for primary care providers in our community. The demand from primary care providers has exceeded our expectations so we believe this money will be well spent.
2. The Medical Supervisor's salary allocation has also decreased and would be better utilized in project evaluation by a biostatistician. A project evaluation/biostatistician line item was initially approved for \$3,000. We request an addition to the line item from the Medical Supervisor's salary and educational materials line item. We project that the project evaluation will cost more than we initially requested because QHC implemented a new electronic health record since the drafting of our original grant proposal. As a result, our data reporting parameters for this project have to be rebuilt for the new system and will require additional time by the biostatistician.
3. As a result of reallocations in salary the fringe benefits have decreased by \$2,354, \$1,400 of which we would like to reallocate to CCP Certification to train an additional Care Coordinator and \$954 to add 9.5 hours of project evaluation activities by Biostatistician (revision as of 5/27/15 per discussion with Dr. Ospital).

Thank you for your consideration of the above proposal. If you have any questions please do not hesitate to contact me.

Sincerely,

Emma Wolfe, MPH, CHES
Program Director T: (323) 669-4346 ewolfe@queenscare.org

QUEENSCARE HEALTH CENTERS
PEDIATRIC ASTHMA DISEASE MANAGEMENT PROGRAM (PADM)
RFP #PBOC-9
2013-2014 [POSTPONED TO 2014-2016]
PART II - COST PROPOSAL REVISED

A. LABOR: Staff Positions and Labor Category

Estimates of labor cost, travel, fees and administrative costs are based on PADM's previous operating budgets and general experience.

Program Director - This position reports to the Chief Operations Officer, is a Master of Public Health (MPH) and Certified Health Education Specialist (CHES). For this project, the Program Director will drive the project's goals and activities, supervise staff, coordinate the project's ongoing planning, budgeting, evaluation and reporting. The Program Director will also be responsible for overseeing the development of the training curriculum for the adult Care Coordinators; implementing and coordinating the PACE seminars, overseeing the project evaluation and status reports. For this proposal this position is a 0.25 Full-Time Equivalent (FTE).

Medical Supervisor - The Medical Supervisor is a Board Certified pediatrician and will be in charge of training the Care Coordinators on the provision of patient asthma education for adults with asthma and related conditions. For this proposal this position is a 0.02 FTE

Community Health Workers/Promotoras de Salud (CHW/P) - The CHW/Ps report to the Program Director and deliver program services. For this project, they be providing direct services to patients, including patient education, case and psychosocial management support, conducting home visits and documenting their encounters on QFC's EHR. For this proposal this position is a 1.5 FTE.

~~**The Director of Nursing Services** - Director of Nursing Services is responsible for overseeing and managing all functions related to the structured delivery of clinical services and acting as the liaison between clinical operations and clinical administration to improve delivery of quality care. For this project, the Director of Nursing Services will work with PADM's Program Director to implement the training program for the adult asthma patient education program as well as the Chronic Care Professional (CCP) certification process. For this proposal this position is a 0.03 FTE.~~

Fringe Benefits are calculated at 30% of personnel salaries and include: FICA, SUI, Paid Days Off, Long-Term Sick Leave, Health, Life, Dental and Disability Insurance, and Retirement.

Position	Hourly Billing Rate	Full Time Equivalent (FTE)	Hours per Month	Number of Months	Total Salary \$
Program Director	\$40	0.25	43	24	\$41,280
Medical Supervisor	\$77	0.02	12	2	\$3,696
					<u>\$1,848</u>
Community Health Worker/Promotora de Salud	\$18	1.5	260	24	\$112,320
Director of Nursing Services	\$50	0.03	5	24	\$6,000
Fringe Benefits 30%		n/a	n/a	24	\$48,988
					<u>\$46,634</u>
Total Salary & Benefits					\$212,284
					<u>\$202,082</u>

B. SUBCONTRACTOR COSTS

	\$ Proposed estimate for this project	Total
Biostatistician: Project Evaluation	\$100 per hour for an estimated 30 68.05 hours of project evaluation study design and data analysis	<u>\$3,000</u> <u>\$6,805</u>
Total		\$3,000 <u>\$6,805</u>

C. TRAVEL COSTS

	\$ Proposed estimate for this project	Total
Travel for home visits (CHW/P)	Home visit travel costs (\$0.55 per mile) at approximately 350 miles for 50 home visits (total)	\$192
Travel Costs Total		\$ 192

D. OTHER DIRECT COSTS

Chronic Care Professional (CCP) certification course: includes tuition fees for seven (7) staff, four (4) adult Care Coordinators and three (3) Community Health Workers/Promotoras de Salud for a 40-hour comprehensive chronic care and health coaching program; fee includes certification.

Physician Asthma Care Education (PACE) seminar: includes all estimated necessary costs to facilitate a seminar for community-based primary care providers, including a joint sponsorship with an accredited institution such as Hollywood Presbyterian Medical Center for providing Continuing Medical Education credits to attendees, seminar/course materials, fee for a master PACE trainer, and provision of dinner to participants to attract attendance.

Environmental modification supplies: includes zippered hypoallergenic mattress and pillow covers, and boric acid powder for cockroach remediation.

Educational materials and printing: includes educational handouts and materials printing and purchasing to reinforce the asthma education provided in the clinic and during home visits.

	\$ Proposed estimate for this project	Total
Chronic Care Certification courses	CCP course fee per staff \$1,295 x 7 staff = \$9,065 CCP course fee per staff \$1,395 x 8 staff = \$11,160 (Requesting \$1,395 reallocation from fringe benefits to CCP courses)	\$9,065 \$11,160
PACE Continuing Education	Fee for joint sponsorship of continuing education units (CME) with Hollywood Presbyterian Medical Center \$1,000 per session x 4 = \$4,000 PACE master trainer for conducting seminar \$400/session x 4 session = (request to add \$6,000 from Director of Nursing salary to this line item)	\$4,000 —\$1,600 \$4,000 \$500
<u>Asthma Training Seminars</u>	<u>Speaker/trainer's fee session 1-(\$300 per hour)</u> <u>Preparation/development of content for seminar presentation and</u> <u>actual seminar time: 16 hours x300</u> <u>Subsequent seminars will account only for the seminar time; as preparation</u> <u>work is complete</u> <u>Session 2: (\$300/h x 3 hours):</u> <u>Session 3: (\$300/h x 3 hours):</u> <u>Session 4: (\$300/h x 3 hours):</u>	<u>\$4,800</u> <u>\$2,700</u>

*In November 2014, QHC asked to substitute the PACE training with a much more robust continuing asthma education seminar by a Johns Hopkins trained,

UCLA based pediatric pulmonologist. Our request was approved by J. Ospital, because the scope and aim of the trainings were the same.	<u>Dinner, Session 1, for seminar participants estimated at \$43.75 per participant x 46 participants</u>	<u>\$2,013</u>
	<u>Dinner, Session 2: \$43 x 50 participants</u>	<u>\$2,150</u>
	<u>Dinner, Session 3: \$43 x 50 participants</u>	<u>\$2,150</u>
	<u>Dinner, Session 4: \$43 x 50 participants</u>	<u>\$2,150</u>
	PACE seminar materials \$5/manual x 100 = \$500	\$500
	Presentation Materials/Agenda Printing	\$67
Environmental remediation supplies	Hypoallergenic mattress and pillow covers	\$2,000
	Zippered mattress covers \$25/each x 50=\$1,250	
	Standard size zippered pillow covers \$15/each x 50=\$750	
	Boric Acid \$5/each x 50 =\$250	
Educational materials and printing	Purchase of educational materials and printing costs for patient education, home visits etc.	\$2,000 <u>\$372</u>
Other Direct Costs Total		<u>29,562</u>
Grand Total for this request		\$238,641

Request for Reallocation June 2015

Budget Line Item	Original Cost Proposal	First Year's Expenditures	Remaining Balance	Amount Requested for Reallocation	Remaining Budget	Requesting Reallocation to:	Justification for Reallocation
Salaries: Medical Supervisor	\$3,696	1,848	\$1,848	(\$1,848)	\$0	Biostatistician/Project Evaluation	Medical Supervisor's time has reduced dramatically
Salaries: Director of Nursing	\$6,000	0	\$6,000	(\$6,000)	\$0	PACE Continuing Education Asthma Seminars for primary Care Providers	The position of Director of Nursing has been eliminated; The asthma seminars thus far have cost more because of a higher than expected demand from primary care providers; therefore, we would like to add the \$6,000 to this line item to serve more clinicians
Fringe Benefits	\$48,988	\$24,492	\$24,496	(\$2,354)	\$22,142	1. CCP Certification Training (\$1,400) and 2. Biostatistician (\$954)	With the decrease in salaries, benefits too have decreased. We would like to use \$1,400 of these funds to train an additional Care Coordinator through CCP Certification and use \$954 toward a Biostatistician/Project Evaluation
Educational Materials	\$2,000	\$627.84	\$1,372.16	(\$1,000)	\$372.16	Biostatistician/Project Evaluation	We would like to reallocate \$1,000 of the original educational materials toward project evaluation. Our new electronic health record requires extensive build-up of asthma specific data points and measures and the time/cost projected have increased since the original cost proposal.
Total				(\$11,202)			

Attachment 2

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Torrance, CA 90505
t: 310-303-5086
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Community Health



March 18, 2015

BP/AQMD Public Benefits Oversight Committee
Jean Ospital, Health Effects Officer
South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765-4178

RE: Providence Little Company of Mary COPA Program, Budget Revisions Justification

Dear Mr. Ospital:

Providence Little Company of Mary Medical Centers requests a revision to their grant budget. Below are the amounts to be revised and justification for the requested revisions.

Reallocation of Unspent Funds from Year 1:

In Year 1, \$7,157 was not spent.

- Of this amount, \$3,970 was for the cost of the COPA Curriculum books, which were purchased in Year 1, but charged to the wrong cost center (internally) when the expense was made in September, 2013. So, that expenditure was not accounted for in the expenses from year 1 grant funds. The financials for the Fiscal Year ending December, 2013 have closed, so we are unable to go back and post this expense to the year it was made.

To rectify this, this expense is being reallocated to the correct cost center (BP/AQMD) in Year 2. The amount allocated for this line item in Year 1 (\$3,780) plus \$190 from this line item in Year 2, will cover the expense in full ($\$3,780 + \$190 = \$3,970$).

No additional curriculum books are required in Year 2.

- We request to reallocate the remaining \$3,377 from year 1 ($\$7,157 - \$3,780 = \$3,377$) to provide additional personnel/fringe benefits for the 2 PE Instructors in Year 2. The demand for PE Instructor hours has far exceeded our original expectations. The PE Instructors implement the afterschool program and are involved with the data collection process. The students, teachers, and staff enjoy the work the PE Instructors do and have requested more of their services during the school day. The PE Instructors are working to promote physical activity at recess and in the classroom.

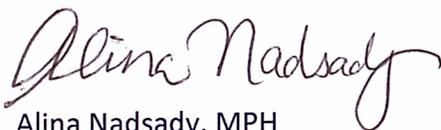
Year 2 Budget Modifications

Projecting forward for the remainder of the grant period, we would like to request the following budget modifications in the Year 2. Line item reductions are shown in (parentheses).

- Personnel & Fringe Benefits: We would like to allocate the leftover funds from year 1, \$3,377, and an additional \$6,860 from year 2 (taken from other line items described below), for a total of \$10,237, towards PE Instructors' hours. As previously mentioned the demand for the PE Instructors services far exceeded expectations.
- Mileage (-\$950): Our mileage expenses are not as high as originally anticipated.
- Physical Activity Supplies (-\$500): This money was allocated to purchase equipment that was lost or damaged. Upon doing an inventory of current equipment in year 2, less replacement equipment was needed than anticipated.
- Indoor COPA curriculum (no change)
- Family Night Dinners (-\$500): The cost of Family Night Dinners was lower than originally anticipated.
- After School Snacks (-\$720): We were able to work with LAUSD to have the district provide free snacks as part of the free and reduced lunch program that these students qualify for.
- COPA Curriculum books (-\$3,590): As mentioned previously, no additional curriculum books needed to be purchased in year 2; \$190 of the funds from year 2 were used to cover the previous expense in full, leaving a balance of \$3,590 that will not be used.
- Parent Hour Guest Speakers (-\$600): We have been able to obtain free speakers from existing Providence staff and community stakeholders.

Please feel free to contact me if you have any questions or need further information regarding this request.

Best regards,



Alina Nadsady, MPH

Grants Manager

310-303-5084

alina.nadsady@providence.org

PROPOSED REVISED BUDGET
Providence Little Company of Mary
Creating Opportunities for Physical Activity (COPA)
Detailed Budget & Budget Revision

BUDGET ITEM (For 2 schools)	Annual Salary	Time	Months	Amount Requested Year 1	Revised Budget Year 1 (actual expense)	Amount Requested Year 2	Revised Budget Year 2 (proposed)	TOTAL BUDGET REQUEST	TOTAL REVISED BUDGET
1. PERSONNEL									
Project Supervisor*	\$66,000	10%	12	\$6,600	\$14,256	\$6,732	\$6,732	\$13,332	\$20,988
Physical Education (PE) Specialist	\$44,880	100%	10	\$44,880	\$41,801	\$45,778	\$45,778	\$90,658	\$87,579
PE Specialist	\$44,880	50%	10	\$22,440	\$8,415	\$22,889	\$22,889	\$45,329	\$31,304
PE Instructor	\$21,600	60%	30 wks	\$12,960	\$20,406	\$13,219	\$17,449	\$26,179	\$37,855
PE Instructor	\$21,600	60%	30 wks	\$12,960	\$19,931	\$13,219	\$17,449	\$26,179	\$37,380
Health Education Specialist	\$44,880	20%	10	\$8,976	\$2,771	\$9,156	\$9,156	\$18,132	\$11,927
Data Specialist	\$30,800	10%	12	\$3,080	\$4,617	\$3,142	\$3,142	\$6,222	\$7,759
Promotora	\$24,960		12	\$300	0	\$300	\$300	\$600	\$300
<i>Subtotal Personnel</i>				\$112,196	\$112,197	\$114,434	\$122,895	\$226,630	\$235,092
2. FRINGE BENEFITS = 21% of salaries				\$23,561	\$23,561	\$24,031	\$25,808	\$47,592	\$49,369
	Cost/ Unit	Units/ Yr							
3. TRAVEL									
Mileage	\$0.56	2500		\$1,388	516	\$1,388	\$438	\$2,775	\$954
5. SUPPLIES									
P.E./Physical Activity Supplies	\$2,000	2		\$4,000	\$3,560	\$1,000	\$500	\$5,000	\$4,060
Indoor COPA Curriculum	\$500	1		\$500	\$400	\$200	\$200	\$700	\$600
Family Night Dinner	\$280	6		\$1,680	\$966	\$1,680	\$1,180	\$3,360	\$2,146
After School Snacks (\$30/week)	\$30	24		\$720	\$66	\$720	\$0	\$1,440	\$66
COPA Curriculum Books	\$45	84		\$3,780	0	\$3,780	\$3,970	\$7,560	\$3,970

PROPOSED REVISED BUDGET

6. CONTRACTUAL									
"Parent Hour" Guest Speakers	\$100	6		\$600	0	\$600	\$0	\$1,200	\$0
7. TOTAL DIRECT COSTS				\$148,425	\$141,266	\$147,833	\$154,991	\$296,257	\$296,257
8. TOTAL PROJECT BUDGET				\$148,425	\$141,266	\$147,833	\$154,991	\$296,257	\$296,257



DEPARTMENT OF PREVENTIVE MEDICINE

April 22, 2015

Jean Ospital
Health Effects Office
South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765-4178



Dear Mr. Ospital:

I am writing about our BP/AQMD Community Benefits Award “NEW TOOLS FOR MAXIMIZING HEALTH AND ECONOMIC BENEFITS OF AIR POLLUTION REGULATION”. As a brief progress report, we have completed review of the relevant health literature for the project. We have estimated the current burden of ischemic heart disease mortality and hospitalization associated with near-roadway pollution exposure and with regional fine particulate exposure in the South Coast Air Quality Management District. We have obtained the planning projections from the Southern California Association of Governments (SCAG) for 2035 that are mandated by SB-375. We have used these data to estimate projected changes in population exposures to near-roadway and fine particulate pollution. We have completed estimation of the burden of disease of near-roadway and regional air pollution exposures associated with the planning scenario for 2035. A paper with these results has been provisionally accepted for publication in *Environmental Health Perspectives*, the highest impact environmental health journal.

We have another quite important paper published last year in the *Journal of Allergy and Clinical Immunology* (the highest impact allergy specialty journal), examining the cost of pollution-attributable asthma in Los Angeles County. This included the novel assessment of the near-roadway attributable cost of the burden of disease, which accounted for about half of the \$400m yearly cost.¹

Request for a no-cost extension

There have been considerable challenges to this project, both scientific and operational that we have successfully managed. We have overcome challenges in identifying the appropriate growth scenario and variations of road networks in the 2035 SCAG land use projections and in obtaining useable population parcel level data sets, and we have dealt with inter-institutional delays in receiving a final contract and in approval for mid-contract re-budgeting needed to successfully complete the project. Now a key co-investigator has had to take a leave of absence to care for an ill family member and has recently approached me about an extension in the timeline that would allow us to complete the scope of work. This will have cost implications for analyst support for this scope of work. Therefore, as we have discussed, I am now requesting an additional no-cost extension through September of 2016 and permission to re-budget travel costs originally allocated for a scientific workshop into salary support, as specified in the attached detailed budget. We took advantage of the International Society for Environmental Epidemiology meeting in Seattle last summer to meet with many of the investigators doing work in this area internationally at a special session at which our work featured prominently. We still

intend to have the workshop at the conclusion of the project, but for participants not living in Southern California it will be conducted as a virtual forum using rapidly developing technology that has evolved even in the time since the proposal was written. We are confident that the workshop will be as useful as it would be in-person, and this approach will allow us to include additional investigators doing complementary and highly innovative research in Europe who could not possibly be accommodated in the original travel budget. This will allow optimal use of funds to guarantee that we will have analyses and final papers that will be in keeping with the quality of work you have come to expect from us.

As summarized above, we have been quite productive scientifically. In addition, we have made our results available to stakeholders through several other mechanisms, including press releases and interviews with media at the time papers have been published and presentations in scientific and policy forums (including several organized by AQMD). In July I will be a featured speaker at a forum with National Institute of Environmental Health Science director Linda Birnbaum at which I will present our AQMD-supported results.

I hope that the Public Benefits Oversight Committee will find these arguments convincing and will authorize an extension to the contract. Please let me know if there is anything further I should provide in order for the committee to evaluate the request.

Thanks. I hope you are well

Sincerely,



Rob McConnell
Professor of Preventive Medicine



Jean Chan
Associate Director
Department of Contracts and Grants

1. Brandt S, Perez L, Künzli N, et al. Cost of near-roadway and regional air pollution–attributable childhood asthma in Los Angeles County. *Journal of Allergy and Clinical Immunology*. 2014;134(5):1028-1035.

PROPOSED REVISED BUDGET

					Rebudget April 2015	Current Approved Budget	VARIANCE
	IBS	%	Salary	FB			
Rob McConnell	208,803	15%	31,320	10,492	41,812	41,812	
Keyisha Dantzler	60,000	0%	-	-	-	-	
John Wilson	184,733	3%	5,130	1,719	6,849	6,849	
Maryam Taher	54,912	18%	9,884	3,311	13,195	13,195	
Post Doc	60,000	80%	47,744	15,994	63,738	48,060	15,678
			-	-		-	
Fringe Benefits Rate:	33.5%		94,078	31,516	125,594	109,916	
Total Salary & FB				125,594			
Materials and Supplies							
Communications, Misc Supplies				775	775	775	
GIS Lab Cost				885	885	885	
Publication cost				1,360	1,360	1,360	
						-	
Consultant							
Nino Kunzli				10,000	10,000	10,000	
Laura Perez				10,000	10,000	10,000	
Travel							
				2,322	2,322	18,000	(15,678)
						-	
Subcontract							
Umass Amherst				40,467	40,467	40,467	
STI				79,981	79,981	79,981	
Direct Costs				271,383	271,383	271,383	
Consortium F&A				18,909	18,909	18,909	
						-	
Total Direct Costs				290,292	290,292	290,292	
<i>F & A Base through 6/30/11</i>						-	
<i>F & A Base - 7/1/11 to 6/30/12</i>						-	
<i>F & A Base - 7/1/12 to 6/30/14</i>				200,935	200,935	200,935	
<i>F & A Base - 7/1/14 to 6/30/15</i>						-	
<i>F & A Base - Beyond 7/1/2015</i>						-	
Indirect Costs (F & A)							
F & A through 06/30/2011				-		-	
F & A - 07/01/2011 to 06/30/2012				-		-	
F & A - 07/01/2012 to 06/30/2014	64.00%			128,599	128,599	128,599	
F & A - 07/01/2014 to 06/30/2015				-		-	
F&A - Beyond 07/1/2015				-		-	
Total Indirect Costs				128,599	128,598	128,599	
TOTAL PROJECT COST				418,890	418,890	418,890	

Attachment 4



LONG BEACH ALLIANCE FOR CHILDREN WITH ASTHMA
2651 Elm Ave. Suite 100 Long Beach, CA 90806
(562) 933-5650 * Fax (562) 427-8438
www.lbaCa.org



May 20, 2015

Jean Ospital
Health Effects Officer
BP/AQMD Public Benefits Oversight Committee
South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765-4178

Dr. Ospital,

The Long Beach Alliance for Children with Asthma respectfully requests a 3 month no-cost extension for our BP Settlement Funds. This is our Year 8, 4th and final Quarter. If approved, our new ending date will be July 31, 2015.

Currently, our balance is \$13,115. During year 8, we did not have a Program Manager for 6 months and one of our Community Health Workers retired, leaving a vacant position for 3 months. In the 3rd and 4th quarter of Year 8, we have been operating without an Assistant Project Manager for 3 months. We also provided only 1 PACE (Physician Asthma Care Education) training in 2014 because we were understaffed for outreach and coordination. This contributed to needing to ask for an extension.

In the next months, the remaining balance will be used to finalize our caseloads with currently enrolled families. We expect that our 2 Community Health Workers on this project will be making final home visits with families we've enrolled in recent months. In addition to their salary, mileage is compensated at the federal tax rate, which is .56 per mile driven. These resources for travel/mileage would be utilized for the 6 month (and final) visit to currently enrolled families.

Additionally, we plan to coordinate and offer 1 PACE training and 1 PACE Alumni training to physicians in our local area. PACE trainings are provided by physicians collaborating with LBACA. The curriculum is a multifaceted seminar to improve physician awareness, attitudes, ability and application of communication and therapeutic skills for asthma. These resources will be used to cover expenses for two contracted physicians, and for the meeting site, food, and materials.

Below, please find a budget reflecting the expected expenses for the remaining balance.

Extension: May – July (three months)

CHW salary (108 hours/month @ \$18)	\$5,845
Benefits (@ 32%)	\$1,870
Mileage (\$200 per month)	\$ 600
PACE Trainings (2):	
MD instructors	\$ 800
Meeting site/food	<u>\$4,000</u>
	\$13,115

Please contact me if you have any questions. Thank you for your consideration and continued support for our program.

Sincerely,

Sylvia Betancourt
LBACA Project Manager
Long Beach Alliance for Children with Asthma

**BP/AQMD PUBLIC BENEFITS OVERSIGHT COMMITTEE
GRANT AWARD TERMS AND CONDITIONS**

**Project Budget
Long Beach Alliance for Children with Asthma
May 1, 2014-April 30, 2015**

Personnel Expenses	Approved Budget	Requested Change	Proposed Revised Budget
Project Director	\$0		
Project Manager	\$12,000	(\$2,101.16)	\$9,898.84
Assistant Project Coordinator	\$24,685	(\$3,052.68)	\$21,632.32
Part Time Office Manager & Evaluation Assistant- \$15/hr 2-hours/month	\$21,211	\$2,561.69	\$23,772.69
Community Health Workers	\$3,600	(\$1,020.60)	\$2,579.40
	\$108,828	(\$1,660.14)	\$107,167.86
	\$170,324	(\$5,272.89)	\$165,051.11
<i>Personnel Benefits - 32%</i>	\$43,452	\$9,363.84	\$52,815.84
Subtotal	\$213,776	\$4,090.95	\$217,866.95
Direct Intervention Expenses			
CPNP- \$45- 3 hours/month	\$1,620	(\$180.00)	\$1,440.00
MSW- \$45 -2 hours/month	\$1,080	\$360.00	\$1,440.00
Data/Evaluation- \$100/hr 7 hrs/month	\$8,400	(\$1,200.00)	\$7,200.00
Subtotal	\$11,100	(\$1,020.00)	\$10,080.00
Supplies and Materials			
Office Supplies	\$6,500	(\$2,865.61)	\$3,634.39
PACE (3) & MA (4) Training Stipends/Materials	\$7,100	\$512.49	\$7,612.49
Travel/Mileage	\$5,000	\$3,743.51	\$8,743.51
Program Incentives	\$4,800	(\$800.00)	\$4,000.00
Participant Home Visit Supplies	\$19,000	(\$2,669.92)	\$16,330.08
Cell Phones	\$2,160	(\$991.42)	\$1,168.58
<i>Supplies and Materials Subtotal</i>	\$44,560	(\$3,070.95)	\$41,489.05
Subtotal Direct Intervention /Supplies	\$55,660	(\$4,090.95)	\$51,569.05
TOTAL PROGRAM EXPENSES	\$269,436	\$0.00	\$269,436.00