

## **BALDWIN HILLS CONSERVANCY NOTICE OF PUBLIC MEETING**

The meeting of the Baldwin Hills Conservancy (BHC) will be held  
Friday, July 25, 2014, 10:00 a.m. - 12:00 p.m.  
Kenneth Hahn State Recreation Area, Community Center  
4100 South La Cienega Blvd.  
(323) 298-3660

### **Teleconference Location**

Natural Resources Agency  
1416 Ninth Street, 13<sup>th</sup> Floor  
Conference Room 1305  
Sacramento, CA 95814

10:00 am: CALL TO ORDER - Starlett Quarles, Chair

### **MEETING AGENDA**

PUBLIC COMMENTS ON AGENDA OR NON-AGENDA ITEMS SHOULD BE SUBMITTED BEFORE ROLL CALL

*Public Comment and Time Limits: If you wish to speak on an agenda item, cards are available near the door to the meeting room. Individuals wishing to comment will be allowed up to three minutes to speak. Speaker times may be reduced depending on the number of speakers.*

1. Call to Order – Starlett Quarles, Chair
2. Roll Call – Avril LaBelle, Executive Secretary
3. Approval of Minutes (June) – Starlett Quarles, Chair
4. Public Comments – Starlett Quarles, Chair
5. Conservation Horizons Presentation: Facts and Trends Impacting Land Conservation - Darla Guenzler, Executive Director of California Council of Land Trusts
6. Review of Procedures for Legislative Action Requests through the California Natural Resources Agency – David McNeill, Executive Officer
7. Consideration of a Resolution Authorizing a Grant of BHC Prop 84 Funds in an Amount Not to Exceed \$237,000 for Loyola Marymount University's Center for Urban Resilience to Conduct a 3-year Park User Field Survey and Analysis in the BHC Territory – David McNeill, Executive Officer
8. Executive Officer Report – BHC Staff Representatives
  - Projects Update
  - Fiscal Update
  - Activities Update
9. Ad Hoc Committee Reports – Committee Chairs
10. Announcements or Proposed Agenda Items for Future Meetings  
*\*Next meeting is tentatively scheduled for September 19, 2014.*

### **ADJOURNMENT**

In accordance with the Americans with Disabilities Act of 1990, if you require a disability related modification or accommodations to attend or participate in this meeting, including auxiliary aids or services, please call the Conservancy at (323) 290-5270 at least five days prior to the meeting. For more information about the Conservancy, you may visit our website at [www.bhc.ca.gov](http://www.bhc.ca.gov)

**PUBLIC MEETING MINUTES**  
**BALDWIN HILLS CONSERVANCY**  
**Friday, June 6, 2014**

**I. Call to Order**

A public meeting of the Baldwin Hills Conservancy (BHC) was assembled on Friday, June 06, 2014, at 10:00 a.m. and was held at the Kenneth Hahn State Recreation Area, Community Center located at 4100 South La Cienega Boulevard, Los Angeles, CA 90056.

Deputy Attorney General Rosana Miramontes administered the Oath of Office and Starlett Quarles was sworn in as Chair.

**II. Roll Call**

**Members Present:** Allan Boodnick, Lloyd Dixon, Jacquelyn Dupont-Walker, Karen Finn (*Left prior to voting.*) Yolanda Gorman, Robert Jones, Allan Kingston, Chair Starlett Quarles, Vice Chair Sara Amir, Karly Katona, John Wicker, Karen Finn, Julie Alvis,

**Staff Present:** David McNeill, Executive Officer; Gail Krippner, Grant Program Manager; Rosana Miramontes, Deputy Attorney General; Avril LaBelle, Executive Secretary.

**III. Approval of Minutes (March) Starlett Quarles, Chair**

The Chair called for a motion to approve the (March) minutes. Member Boodnick made the motion, Member Kingston seconded and the motion was approved by all board members. Motion carries. Minutes approved.

**IV. Update on Park to Playa Trail Alignment and Environmental Review – Ana Straabe,\*\* Deputy Chief of Urban Projects and Watershed Division, Mountains Recreation and Conservation Authority (MRCA)**

*Deputy Chief Ana Straabe displayed a PowerPoint presentation with slides of the project.*

Using slides, Executive Officer David McNeill gave a brief overview of the Park to Playa Trail and explained that it is a 13.2 mile continuous trail to the ocean that crosses the east and western ridgelines from Stocker Corridor to the Santa Monica Bay. The trail goes through multiple jurisdictions. The Stocker Corridor is managed by the County of Los Angeles, which has an operating agreement with the State. This project is consistent with the BHC master plan.

Member Katona stated the land anticipated to be used in Park to Playa in Segment C, an area west of La Cienega between the Scenic Overlook and Hahn Park proper, is in the public domain. We have the state grant to augment funds, and hope to be in construction late fall.

MRCA Deputy Chief Straabe stated as a result of the public stakeholder meeting, a proposed bridge across La Cienega will connect onto the public land. Options have been presented to the consultants and they are studying the slope stability and cost. There is an existing buffer between the homes that will respect and mitigate that boundary. It will be secure and safe, and respectful of privacy and property.

Member Katona - Consideration was given to the importance of the ramp on La Cienega and the desire to provide a good quality experience. We met with Freeport McMoRan and the other property owners, and came up with an alignment they felt would work for their field operation. As aligned this is the only area within the 6 ½ miles of the Baldwin Hills adjacent to residential property. A tremendous amount of effort has gone both ways to address concerns of the property owners. We have always been protective of that boundary. Member Katona shared that concerns specifically with regard to Segment "C" are being

addressed at the Community Stakeholders Meeting. The next meeting is June 17<sup>th</sup>, 6:00 p.m., Kenneth Hahn State Recreation Area, Community Center 4100 South La- Cienega Boulevard, Los Angeles, CA 90056.

Ms. Straabe shared that after we confirm the alignment of the pedestrian bridge and trail slated for this fall 2014; we will begin with construction documents in late 2014 and hold a community follow-up meeting during the summer of 2015

Mr. McNeill pointed out there is a Northeast Trees Study currently underway on La Brea, evaluating connectivity from MTA stations at La- Brea as well as La Cienega on the north end of the park. This study is exploring more opportunities to access the park.

Mr. McNeill shared that there was a question as to the process in which the BHC could take a position on and/or endorse legislation. Member Alvis requested time to gather information. Member Dupont-Walker expressed interest on options for advocacy. Mr. McNeill encouraged all board members to not hold back in representing their constituency's interest even if the BHC doesn't officially take a position.

**V. Update on the Higuera Bridge/Ramp Project at Ballona Creek – Sammy Romo, Associate Engineer Culver City Public Works**

Associate Engineer and Project Manager Sammy Romo provided a PowerPoint presentation updating all on the Higuera Bridge/Ramp Project at Ballona Creek. Mr. Romo shared that the Higuera Bridge was deemed obsolete and the City is working to replace it. There will be ramp and bridge improvements off of Jefferson Blvd. The road will be closed for approximately one year during construction adding approximately five minutes to driving time. Ample notice will be given to the public in advance.

The Bike ramp will join the bridge and run approximately 450 feet to join the bike path. There are plans for CA drought tolerant plants on either side, retaining walls, approximately 10 ½ feet of width between fence and retaining wall, expanding to have four lanes in each direction with bike lanes on both sides (70 feet wide) with sidewalks. The area for the start of the bridge is not a parking lot but a piece of grass that is approximately eight feet. Mr. Romo is working on bike transition ramps - making changes to ease bikes into transition lanes so that bicyclists do not abruptly end up in traffic lanes. Bridge design completion is anticipated around November of 2014 and construction start in April of 2015.

<b>Budget for Bridge</b>	<b>Budget for Ramp</b>
\$1,150,700. Design	\$ 60,000. Design (Grant from BHC)
<u>\$6,443,993.</u> Construction	<u>\$ 746,000.</u> Construction (Awarded from MTA)
\$7,594,693. TOTAL	\$ 806,000. TOTAL

**VI. Consideration of a Resolution Adopting the Stoneview Nature Center MOU/Agreement between the Baldwin Hills Conservancy and the Los Angeles County Department of Parks and Recreation (Parks) – David McNeill, Executive Officer, BHC**

Mr. McNeill - Staff is working with the county to draft an MOU for the Stoneview Nature Center. The park will feature interpretive landscaping, a community/multipurpose room, a track/walking trail, and staff office space and interpretive exhibits. There are shared opportunities between the BHC and County Parks to provide interpretive programs. The BHC will have a presence there and rotate staff in and out. Staffing will be according to our mission, with some volunteer and some paid positions. We currently have a position for a Park and Recreation Specialist.

Member Alvis reminded all of the Governor's proclamation regarding the drought. Mr. McNeill stated we are working with County Parks and Recreation to make sure that water conservation is a priority, and that the operations agreement will reflect the proclamation priorities.

Member Boodnick moved to approve Item 6, Motion was moved and seconded. Roll call was taken 10 ayes, 0 nays. Motion carries. Item 6 approved.

**VII. Discussion and Possible Action on a Draft Comment Letter Regarding the Baldwin Hills Community Standards District (CSD) Periodic Review – David McNeill**

Mr. McNeill has been working on a draft letter to the CSD in concert with Jason Marshall of the Department of Conservation (DOC.) He offered language suggested by Jason Marshall to propose. The comment letter covers important issues such as – emissions, noise, and vibrations. On page 1, paragraph 2, of the draft letter under “*Data Collection and Analysis,*” we are striking the words “*A continual theme resonating as a result of the studies, there is a need for objectivity and transparency to better inform the public and operators on the issues concerning ground movements...*” Jason recommended using - “*Future studies be conducted by consultants paid for by the county using funds provided by the operator.* Also, on page 3, under E19 “Groundwater Monitoring,” just before the last sentence and as a result of SB4, Jason recommends adding “*recommend county consider adopting future State Water Board criteria with oil field groundwater monitoring networks* that are being placed regarding well stimulation activity.” Odors, waste removal, biodiversity resources, and fire safety are also addressed in the letter.

Member Dupont-Walker referenced page four, G.8 and J.1 “Communication and Coordination,” and asked if the Community Advisory Panel (CAP) had become dysfunctional, and if recommendations could be made to make appointments to the CAP. Mr. McNeill stated the county does make appointments to the CAP, and there are members of the CAP that simply did not show up. They have tried to find replacements for over five years and the Planning Director did not reappoint.

Member Katona - There is a tremendous amount of information available to the public on the web in terms of the CAP. As for the CSD, the bulk of representation is stakeholders. On the website it outlines in specifics that those who are interested should have representation on the CAP. It is a good opportunity for all members of the public to come here on a regular basis like the oil operators and the Planning Department are doing. We have a lot of involved people and advisory groups that come and get involved as anyone is given the opportunity to do so. We have a dedicated webpage on the Planning Department’s website that talks about the CAP, and provides information on minutes and activities. There is a companion page on the website that goes to the CSD with the regulations, reports, and other pertinent items. We have a standing link on our Environment page to the oil field that provides a number of different resources. The oil operator also has information on their website. The CAP meeting is held here the fourth Thursday of every month from 7:00 -9:00 PM, Kenneth Hahn State Recreation Area, Community Center 4100 South La Cienega Boulevard, Los Angeles, CA 90056.

Responding to Member Kingston Mr. McNeill confirmed that the CAP meeting is the right place to address issues surrounding oil operations. Concerns and Information are given directly to the operator and they complete a report on activities in the field and any issues that arise. All comment letters for the CSD would be reviewable by stakeholders and the oil operator will likely make comments on the ordinance as well.

Mr. McNeill stated the Water Board has been extremely engaged in the process over the past few years, and has made presentations at the CAP meetings. They are part of multi-agency coordination committee that involves water, fire, and air as well as other oversight agencies.

Member Kingston confirmed with Mr. McNeill that a motion to approve Item 7 would be to approve the changes as described.

Member Kingston made a motion to approve Item 7, Member Boodnick seconded the motion, and a roll call vote was taken - 9 ayes, 0 nays, and 1 abstention. Motion carries. Item 7 approved.

## **VIII. Executive Officer Report – BHC Staff Representatives**

### **Project Update**

Grant Program Manager Gail Krippner shared that the project with the City of Los Angeles is close to being completed by the end of July, early August. An event called Jazz on the Hill is being planned for July 4<sup>th</sup>. The Opening for Norman O. Houston Park is tentatively set for July 25<sup>th</sup>. The revised Mitigated Negative Declaration (MND) for Stoneview was adopted by the Board of Supervisors in April. RFPs for the site demolition and for a design build contractor went out in May. The City of Culver is working on the Hetzler Road path up into the Baldwin Hills Scenic Overlook. Construction documents have been completed, approved by ADA, and are now awaiting Fire Marshal review. We are trying to get the bid out this summer.

Ms. Straabe gave an update on the Milton Street Project - An advertisement for bid construction went out last month and seven bids were received. W & N Luxor Construction was awarded the bid. Green Street, plans are still under review by the City of Los Angeles.

**Fiscal Update**

Mr. McNeill –\We are heading into fiscal month 11. We are on schedule in terms of our operations funding and will come in below budget. In terms of Capital Outlay Projects, out balances are approximately 11 Million in – Prop 40, and 6 Million in Prop 84.

**Activities Update**

**IX. Ad Hoc Committee Reports – Committee Chairs**

N/A

**X. Board Member Announcements or Agenda Items for Future Meetings**

Community Stakeholders Meeting - June 17<sup>th</sup>, 6:00 p.m., Kenneth Hahn State Recreation Area, Community Center 4100 South La Cienega Boulevard, Los Angeles, CA 90056.

Relay for Life - Saturday - June 27<sup>th</sup>, 9:00 a.m., Kenneth Hahn Baseball Field, 5401 S. Fairfax, between Stocker and Slauson.

Mr. McNeill will work with the Chair on Agenda Items.

*\* Next BHC Public Meeting is tentatively scheduled for July 25, 2014.*

*\*\* Please note the following change – Ana Petric is Ana Straabe.*

**ADJOURNMENT**

There being no more business brought before the board, the meeting was adjourned at 11:45 P.M.

Approved:

Starlett Quarles  
Chairman

Date:

## BALDWIN HILLS CONSERVANCY

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Los Angeles, CA 90056

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### Memorandum

**To: Governing Board**

**Fr: David McNeill, Executive Officer**

**Date: July 25, 2014**

**Re: Item 5: Conservation Horizons Presentation: Facts and Trends Impacting Land Conservation - Darla Guenzler, Executive Director of California Council of Land Trusts**

**Recommendation:** No action required. See attached Power Point.

**Background:** The California Council of Land Trust's (CCLT) mission is to build a statewide land trust community equal to the challenge and privilege of conserving our extraordinary land and water resources for all Californians. This past year, CCLT organized the Horizons Committee, a diverse group of land trust leaders, conservation funders, and other partners who have come together to figure out the best way to frame a discussion about the next age of land conservation between now and 2050. The Conservation Horizons presentation will provide a snapshot of the facts and trends identified in the study highlighting five topic areas: population, culture and attitude, land and resources, funding and land trusts.



# *Conservation Horizons*

KEEPING CONSERVATION AND LAND TRUSTS  
VITAL FOR THE NEXT AGE



Friends,

California's land conservation movement can trace its history back more than 100 years, although the vast growth and present structure has occurred in the past 40 years. We have led the nation in generous financial support by philanthropies, voters and a vast number of individual donors. A large and diverse number of state, regional and local agencies, and more than 200 land trusts were created and have grown organically. In many ways, this effort has been wildly successful and, including federal lands, more than 50 million acres are permanently conserved in California.

This great success has brought significant challenges, such as how to fund the long-term stewardship of the lands. Further, the cultural, demographic, political, financial, and climate change trends are moving in very different directions – challenging us to reconsider our organizations, priorities, methods, and funding. Most importantly, we should understand who our conservation programs are serving, with whom we are working, what additional lands we need to conserve, and reconsider our relationships to people, to land, and between people and land.

While these challenges are broader, deeper and more diverse than anything we have previously encountered, they also contain an immense opportunity to make our work of value to Californians from all walks of life. If people embrace these lands and their communities, the lands will be truly conserved.

The next age for land conservation in California is upon us, and we are fortunate to have the opportunity to deliberately, pro-actively and thoughtfully shape our collective future of conservation. This will not happen overnight and the transition will require openness, time, innovation and experimentation as we build new relationships and new approaches.

The California Council of Land Trusts created the **Conservation Horizons** initiative to ensure that conservation's future is as successful as our past has been. The **Conservation Horizons Committee** will help lead, shape, describe and offer pathways for the land trust community and its partners into our collective future.

Together, the land conservation community has conserved millions of acres of land and water resources that are a treasure for Californians. Let's tackle the challenges of the next age together to ensure conserved lands stay protected and that we make conservation truly meaningful to the daily lives of all Californians.

**We invite and encourage you to share your thoughts, ideas and recommendations as this process moves forward. Talk with your boards and colleagues about it. Share ideas at meetings and submit them to online at [www.calandtrusts.org](http://www.calandtrusts.org).**

With all best wishes for conservation's continuing success,



Darla Guenzler  
California Council of Land Trusts  
March 4, 2014

P.S. Many thanks to the generous support of the Resources Legacy Fund, the Gordon and Betty Moore Foundation, and the David and Lucile Packard Foundation for their support of this important project for the California conservation community.



## CONSERVATION HORIZON COMMITTEE

### Foundations

**Gary Knoblock**, S.D. Bechtel, Jr. Foundation

**Curt Riffle**, David and Lucile Packard  
Foundation

**Julie Turrini**, Resources Legacy Fund

### Land Trusts

**Alina Bokde**, Los Angeles Neighborhood  
Land Trust

**Ron Brown**, Save Mount Diablo

**Michele Clark**, Yolo Land Trust

**Gail Egenes**, Riverside Land Conservancy

**Bill Leahy**, Big Sur Land Trust

**Walter Moore**, Peninsula Open Space Trust

**Nita Vail**, CA Rangeland Trust

### Other Partners

**Darla Guenzler**, California Council of  
Land Trusts

**Dave Holland**, San Mateo County

**Hop Hopkins**, consultant on urban, urban  
agriculture and sustainability issues

**Sam Livermore**, Board Member of Save the  
Redwoods League and the Yosemite Fund

**Charles Thomas**, National Park Service

# Facts and Trends: California's Population

- By 2050, we will be larger, more urban and diverse, older, poorer, and less healthy.
- In 2050, more than 75% of the population will be centralized in three regions – Southern California, Central Valley, and the Bay Area.
- By 2050, nonwhites will comprise a super-majority (greater than 66%) in four of the state's six regions.

By 2050, California's population will grow by **35%**

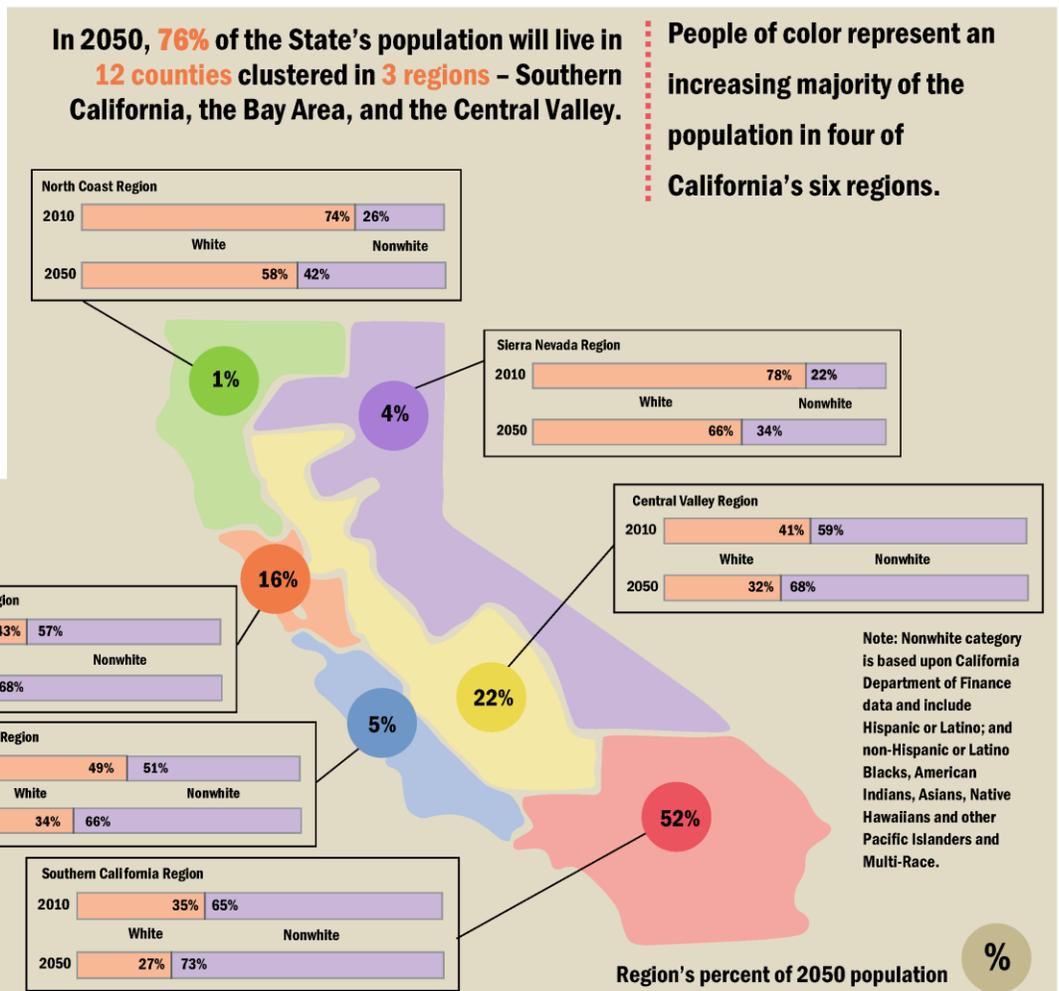
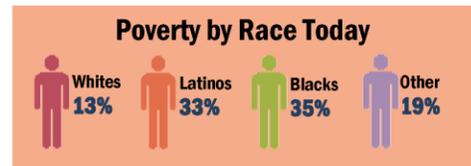
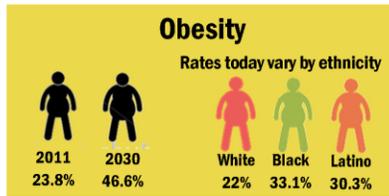
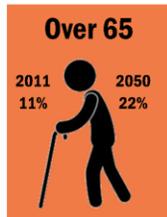
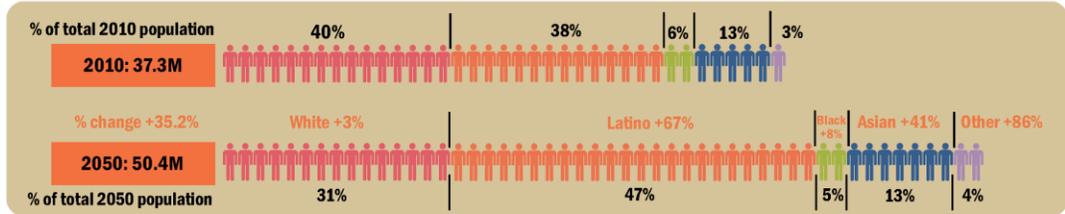
**22%** will be over 65.

**47%** will be obese.

**23%** live in poverty today. This trend will increase.

**47%** of the population will be Latino

**95%** live in urban areas today, a trend that will continue.



## What Do These Trends Mean For:

Conservation?	Land Trusts?	Public Agencies?
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## Facts and Trends: Culture and Attitudes

- Different populations relate to the outdoors in different ways.
  - Many urban areas are underserved in terms of parks.
  - A large number of children between the ages of 6 and 17 have little interest in being in nature.
  - The Millennial generation, born between 1980 and 2000, will play a major role in shaping the future.
  - The use of technology continues to shape how people interact with each other and the outdoors.
- Although changing, the ethnic profile of California's legislature does not reflect the state's demographic profile.

Outdoor spaces serve varying purposes for different races and ethnicities.



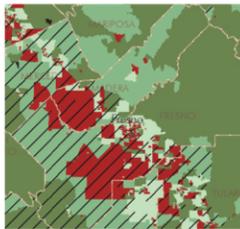
Los Angeles has **one playground per 10,000 residents.**

Of Americans aged six and up, **less than half participate in outdoor recreation.**

39% of 6 to 12 year olds and 54% of 13 to 17 year olds cite a **lack of interest** as the top reason for not getting out into nature.

Children between the ages of 8 and 18 spend an average of nearly **6.5 hours per day with electronic media.**

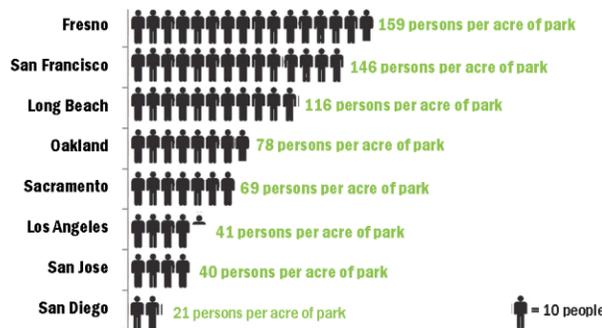
Between 1987 and 2003, the average person spent **327 more hours** (13 ½ additional days) with entertainment media.



Many Central Valley communities have a **Latino population greater than 36%, with incomes less than \$48.7k per year, and less than 3 acres of parkland per 1000 people.**

(As indicated in red on the map above.)

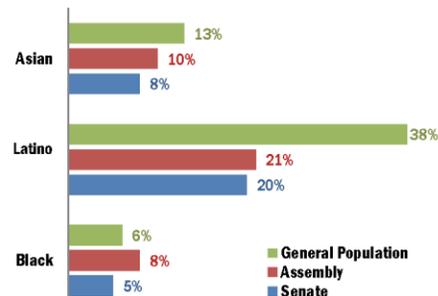
The number of **people using one acre of parkland** today differs widely by city.



### How do MILLENNIALS differ from previous generations?

<p><b>MILLENNIALS</b> born between 1980 &amp; 2000</p>	<p><b>The population of the Millennial generation is larger than that of the Baby Boomers.</b></p> <p><b>By 2017, Millennials will have the greatest spending power of any generation.</b></p> <p><b>Millennials will decide the next six presidential elections.</b></p>	<p><b>More educated</b></p> <p><b>More racially diverse</b></p> <p><b>More technologically savvy</b></p> <p><b>Less religious</b></p> <p><b>More tolerant of non-traditional family structures</b></p> <p><b>Happier and more optimistic</b></p>
<p><b>GEN X</b> born between 1965 &amp; 1980</p>		
<p><b>BABY BOOMERS</b> born between 1946 &amp; 1964</p>		
<p><b>SILENT GENERATION</b> born between 1928 &amp; 1945</p>		
<p><b>GREATEST GENERATION</b> born before 1928</p>		

Today people of color are **under-represented by state elected officials**, compared with the general population.



What Do These Trends Mean For:

Conservation?	Land Trusts?	Public Agencies?



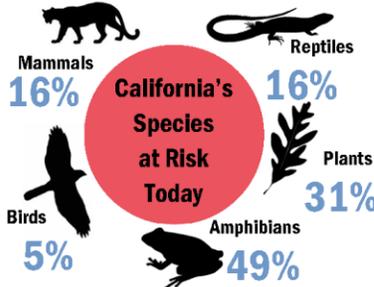
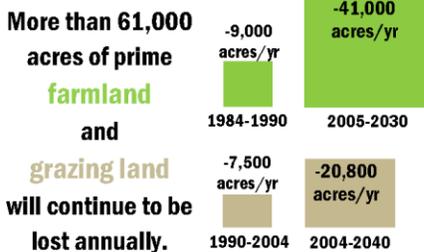
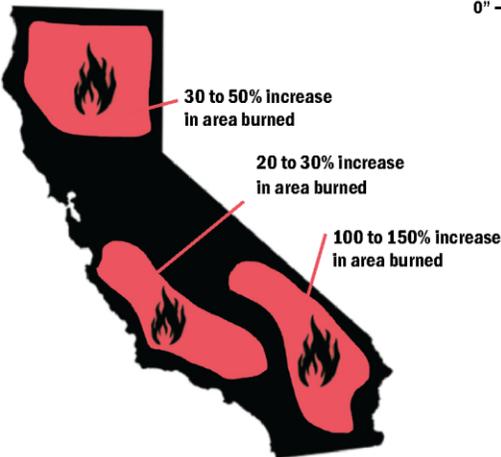
## Facts and Trends: California's Land and Resources

- Natural resources face unprecedented challenges due to climate change and development under existing land use practices.
- Agricultural and grazing resources are rapidly converting due to development, renewables, and lack of water.
  - Current land use policies and practices are inadequate to conserve important lands.
- Climate change impacts will significantly impair public health, property, infrastructure, and food security.

Species will move **¼ mile per year** north and upland to adapt to the changing climate.

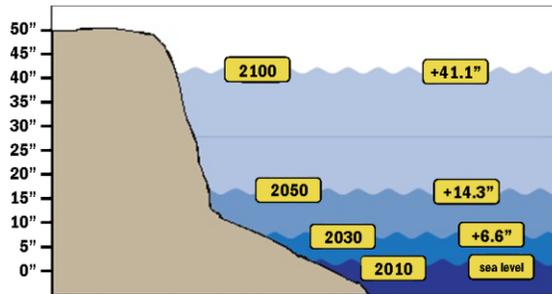


The risk of large wildfires will increase **20% by 2050** and **50% by 2100**.



**Less than 25%**

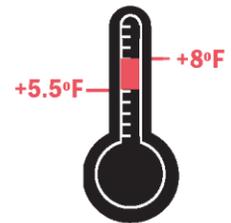
of the state's habitat remains in pristine condition, due to the impacts of farming, urban expansion, and pollution.



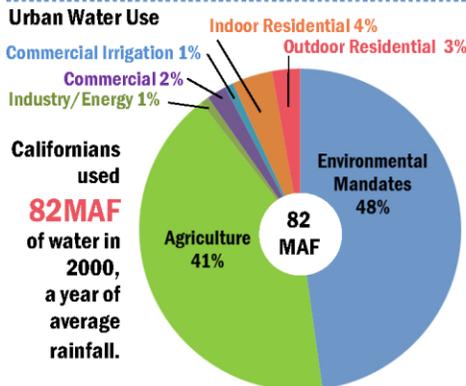
Sea levels will rise, on average, **6" by 2030** and **41" by 2100** increasing coastal erosion, flooding of low-lying residential areas and infrastructure, and saltwater intrusion.

By 2070, air temperature is expected to increase by **5.5°F to 8°F**

By 2050, **60%** of the days in greater Los Angeles are expected to be **hotter than 95°F** impacting human health, reducing air quality, and increasing the threat of wildfire.



**33% more water** will be needed to meet the needs of the 2050 population if climate conditions do not worsen.



Spring stream flows are expected to **decline by 30% by 2050** due to increased temperatures and decreased snowmelt.

### What Do These Trends Mean For:

Conservation?

Land Trusts?

Public Agencies?



# Facts and Trends: Land Conservation and Stewardship Funding

- Public and philanthropic funding appears poised to decrease; become more complex; and/or focus less on acquisition, based upon population and attitudinal trends.
  - There are strong regional inequities in foundation funding.
  - Long term stewardship is largely unfunded but the need will only grow over time.
- Conservation may be best positioned to receive funding when it helps solve other public priorities and problems - urban parks, improved health, food security, climate adaptation.



Continued high levels of **public funding** face significant challenges.

Some foundations are finding **more value for each conservation dollar** by protecting land and resources outside of California.



**Competition** for funding has increased. Greater pressure is expected to fund **broader issues** - climate change, food security, public health, water.



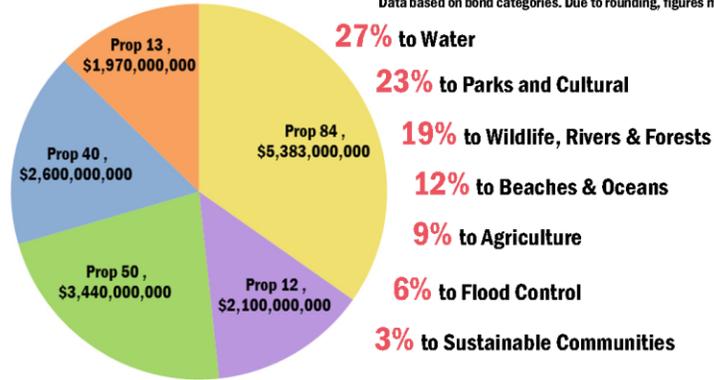
Conservation receives a portion of the **3% of charitable donations** to environmental and animal causes.

**\$41 trillion**

The minimum amount to pass from **one generation to the next** between 1998 and 2052.

## 14 Years and \$15.5B of Conservation Funding

Data based on bond categories. Due to rounding, figures may not add up.

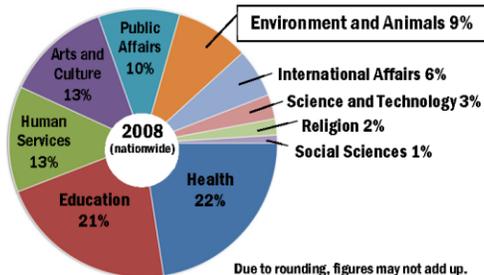


These funds have allowed the purchase of **1M acres in fee** and **500k acres in easements** by a variety of organizations.

## How does giving differ among generations?

	ELDERLY born before 1945	BABY BOOMERS born between 1946-64	GEN X born between 1965 - 80	MILLENNIALS between 1980 and 2000
The elderly donate the most <b>individually</b>	\$1,367/year	\$1,212/year	\$732/year	\$481/year
Baby Boomers donate the most <b>in aggregate</b>	\$37.0 billion	\$61.9 billion	\$28.9 billion	\$15.8 billion
Different generations have different methods of giving	Checkout donations (44%)	Online and tribute gifts (42%)	Buying products with proceeds going to charity (42%)	Online (44%)
Concern for <b>conservation and the environment</b> differs by generation	Only 9% rated Environmental Conservation as a cause they care most about.	Data not available	Biggest champions of environmental and conservation causes.	Only 4% ranked Environment and Conservation as a cause they care most about.

## Foundation Funding: Nationwide and Annual Per Capita in California



Per capita foundation funding for all causes differs noticeably by region. In 2003, foundations granted **\$3.6B** in California.

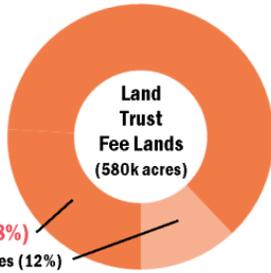
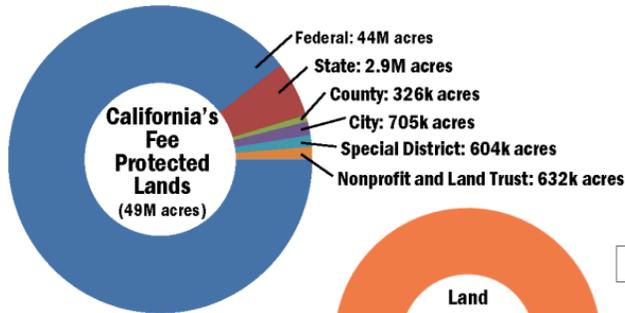
### What Do These Trends Mean For:

Conservation?	Land Trusts?	Public Agencies?

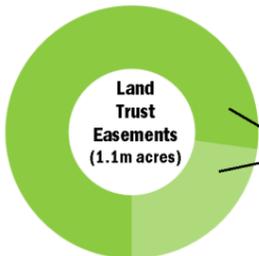


# Facts and Trends: California's Land Trusts

- Most land trusts formed in an era of rapid growth and development and focused on opportunistic acquisitions to protect habitat and open space from development.
- Land trusts and landowners have benefitted from readily available funds and fairly simple requirements.
  - Land Trusts hold 1.7 million acres and have protected additional lands that are in public holdings.
    - Land trust leaders continue to be predominantly white and older.
  - The locations of California's protected lands are not in the denser urban areas where the people are.



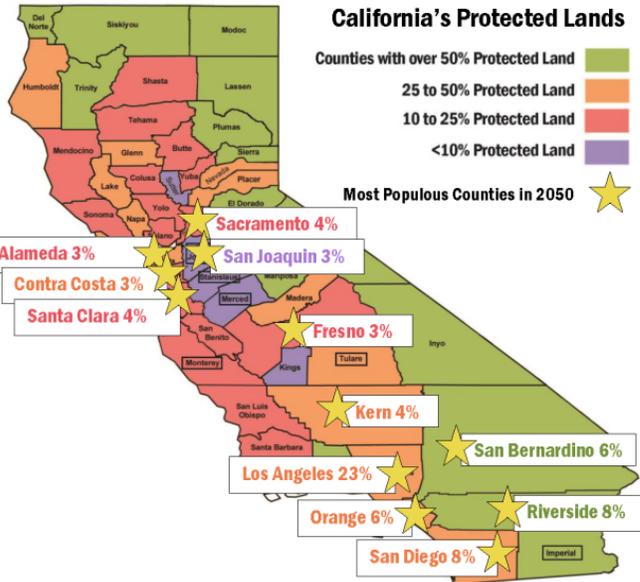
Thirteen Land Trusts: 506k acres (88%)  
All Remaining California Land Trusts: 70k acres (12%)



There are 1.9m easement protected acres in California, 60% held by land trusts and the remainder by government agencies.

Ten Land Trusts: 879k acres (77%)  
All Remaining California Land Trusts: 260k acres (23%)

The number of landscape level plans guiding acquisition is increasing.

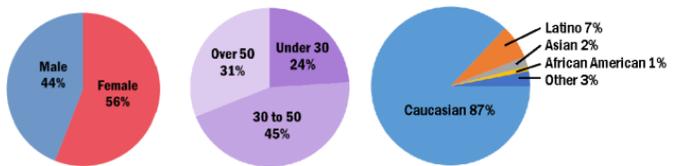


Half of California's lands are protected but these lands are not where the people are.

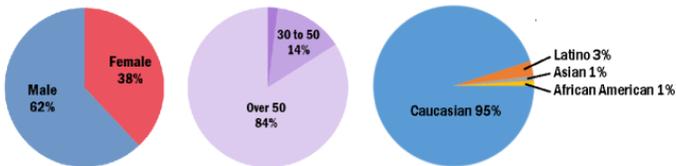
In 2050, 75% of the State's population will live in 12 counties (★) clustered in 3 regions - Southern California, the Bay Area, and the Central Valley.

Land Trust leadership is predominantly **White and aging.**

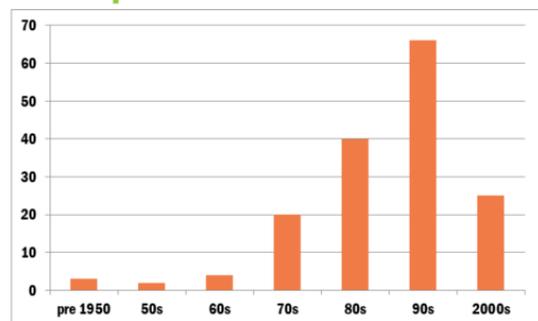
### Land Trust Staff Composition



### Land Trust Board Composition



Land trust formation peaked in the 1990s.



82% of land trusts are less than 30 years old.

### What Do These Trends Mean For:

Conservation?	Land Trusts?	Public Agencies?



**What do these trends mean for conservation?**

**What do these trends mean for land trusts?**

**What do these trends mean for public agencies?**





**CALIFORNIA COUNCIL  
OF LAND TRUSTS**

1029 K Street, Suite 48, Sacramento, CA 95816  
P: (916) 497 0272 [www.calandtrusts.org](http://www.calandtrusts.org)

## BALDWIN HILLS CONSERVANCY

5120 West Goldleaf Circle, Suite 290

Los Angeles, CA 90056

Ph: (323) 290-5270

Fx: (323) 290-5278

www.bhc.ca.gov

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### Memorandum

**To: Governing Board**

**Fr: David McNeill, Executive Officer**

**Date: July 25, 2014**

**Re: Item 6:** Review of Procedures for Legislative Action Requests through the California Natural Resources Agency

**Recommendation:** No action required, information item.

**Background:** At the June BHC meeting, a question was posed as to whether there was a protocol our agency should follow to take an official position at public hearings or on legislative proposals impacting the Baldwin Hills Territory. Staff has consulted with the Legislative Unit for California Natural Resources Agency (CNRA) to receive general guidelines and forms required by the Administration.

Depending on the request, there are several different forms that should be used for certain categories of decisions made by an agency within the State's executive branch of government. The list of forms below are among the tools that helps executive branch secretaries and department heads interact with the Governor's Office, including which specific actions require approval.

Legislative Proposal Report  
Enrolled Bill Report/No Analysis Required Report  
Bill Analysis Report  
Governor's Action Request

Each form must be submitted to CNRA for approval in advance of the Conservancy taking a position or working on proposed legislation. A general overview of the legislative proposal review process is attached (Attachment #1).

## Attachment #1

### Governor's Office Legislative Action Policy Overview

#### Bill Analyses:

The completed Bill Analysis is received by the Natural Resources Agency (Agency) from entities within its purview while a proposed measure is moving through committees during the legislative process.

The bill analysis is an avenue for entities to inform members and staff of the legislature that they support, oppose or have suggested amendments to a measure. Analyses follow the steps below:

- The Department, Commission or Conservancy recommends a position on a measure.
- The Agency concurs and or sends its own recommendation to the Governor's Office requesting approval.
- The Department, Commission or Conservancy is not allowed to work on the measure until a position is received back from the Governor's Office.
- The Governor's Office position becomes the Department, Commission or Conservancy's official position.

#### Enrolled Bill Reports (EBRS)

The completed Enrolled Bill Report (EBR) is received by the Agency from entities within its purview once the proposed measure has passed the Legislature and is on the way to the Governor for consideration.

The EBR is used to provide information to the Governor requesting that the Governor sign the measure into law or veto the measure. EBRS follows the steps below:

- The Department, Commission or Conservancy recommends the Governor signs or vetoes a measure.
- The Agency concurs and or sends its own recommendation to the Governor's Office requesting a sign or veto.
- EBRS are fast tracked.
- EBRS must be received by Agency one day after the measure passes the Legislature.

The Conservancy Board has some flexibility and is allowed to send proposals and support or opposition letters to the legislature and committees. However, because the Conservancy reports to the Resources Secretary, adherence to the Governor's Office legislative procedures is required prior to the Conservancy offering support, opposition or proposed amendments to the Legislature.

If the Conservancy would like to provide official comments at a legislative or regulatory hearing, Board Members and staff should contact Keali'i at 653-5698 to discuss the item and he will provide guidance based on the Administration's position.

If Conservancy members want to know if Agency or other departments within our purview have an approved position on a proposed measure, they can contact Nicole Mendez or Naomi Cooper at (916) 653-5698 or email Nicole at [Nicole.Mendez@resources.ca.gov](mailto:Nicole.Mendez@resources.ca.gov).

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Fx: (323) 290-5278

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### Memorandum

**To: Governing Board**

**Fr: David McNeill, Executive Officer**

**Date: July 25, 2014**

**Re: Item 7:** Consideration of a Resolution Authorizing a Grant of BHC Prop 84 Funds in an amount not to exceed \$237,000 for Loyola Marymount University's Center for Urban Resilience to conduct a three-year Park User Field Survey and Analysis in the BHC Territory

**Recommendation:** Approve Resolution 14-06 authorizing a Grant of BHC Prop 84 Funds in an amount not to exceed \$237,000 for Loyola Marymount University's Center for Urban Resilience to conduct a three-year Park User Field Survey and Analysis in the BHC Territory

**Background:** The Center for Urban Resilience (CUREs) proposes a three year study of park usage throughout the Baldwin Hills Parklands (see enclosed Grant Application). The project would include conducting visitor surveys in the field and preparing comprehensive reports and mapping on the social, scientific, and ecological role of the Parklands within the Ballona Creek Watershed.

To date, no field-based survey has been conducted in the parklands. Requests for data on attendance, the park's sphere of influence, demographics and accessibility have come from legislators, local agencies, planners and researchers. This proposal would address the absence of longitudinal information on park users and the impacts within the territory.

Key goals of the survey are to obtain insight into: 1) number of park users; 2) frequency of use; 3) modes of activities; 4) geographic origin of users; 5) accessibility; and 6) user interface with natural areas.

Deliverables for the study will include:

- Pilot study survey and analysis (250 unique surveys)

- Review and revision with stakeholders
- Longitudinal study survey (5750 unique surveys)
- Reports – Progress and findings each December as well as a Final Report in summer 2017
  
- Geographical summaries and other visual representation of study findings, including integrated GIS maps
  
- Final Report – Recommendations for plans regarding development of the Parklands themselves or the surrounding infrastructure to attract and maintain park users. Possible topics include: connectivity amongst existing parks (trails and mass transit), environmental planning, public relations resources, climate adaptation projects, stewardship and community education.

The criteria review of the project application indicate the project is consistent with the standard requirements (see attachment #1) and corresponds with the following three goals of the Baldwin Hills Park Master Plan and the BHC's Strategic Plan: 1) providing for public access and entryways; 2) emphasizes connections between existing parks, trails, and urban streams; 3) increases active recreation opportunities for underserved communities.

**The Value of Urban Parkland: A Park User Survey of the Baldwin Hills Parklands**  
**Loyola Marymount University**  
**Center for Urban Resiliency (CUREs)**

**PROP 84 LOCAL ASSISTANCE GRANT PROJECT REQUIREMENTS**

(For use in the determination of the priority of Conservancy grants and projects authorized under Division 22.7 of the California Public Resources Code)

**STANDARD REQUIREMENTS**

**a. Located within the BHC territory**

Site map and narrative identify project within the Conservancy territory and boundaries as described in PRC 32553 (a).

**b. Promotion of the Conservancy's statutory programs and purposes**

*PRC 32565.5 (a):* Conservancy to develop and coordinate an integrated program of resource stewardship so the entire Baldwin Hills area is managed for optimum recreational and natural resource values based upon the needs and desires of the surrounding community.

*PRC 32565.5 (b):* Give priority to related projects that create expanded opportunities that provide recreation, aesthetic improvement, and wildlife habitat in the Baldwin Hills area.

**c. Consistency with purposes of Prop 84 statute**

*PRC 75060:* Bond funds are available for projects to promote access to and enjoyment of the coastal resources of the State.

**d. Consistency with the Baldwin Hills Park Master Plan**

*Page 57: Sustainability Management Goal* - includes emphasizing non-vehicular public access to the park via connections to pedestrian and bicycle trails and to public transit.

*Page 68: Protection of Natural Lands* - Public access in natural habitat areas will be designed first to protect native vegetation and wildlife and to prevent disturbance of nesting areas

*Page 68: Public access* - Access shall be a primary consideration for all park design, and shall take into consideration coordination with public transit, on-site and off-site parking, and connections to local parks, greenways, trails and trailheads. Development of public access shall be consistent with the Americans with Disabilities Act (ADA). Pedestrian and bicycle access and construction of pedestrian bridges at key public access points shall be a top priority, and all trails, trailheads, greenways, park entrances, park facilities and parking shall incorporate pedestrian and bicycle needs.

**e. Greater-than-local interest**

With nearly 3 million Californians residing in a five-mile radius of the Baldwin Hills territory (according to the 2000 census data), and over 41 million tourist trip visits to the Los Angeles area annually (according to L.A. Tourism and Convention Board), the land resources in the Baldwin Hills represent an extraordinarily unique value to the entire state.

**f. Demonstrated expertise in the proposed program area**

The CUREs department at LMU has created and implemented several projects focused on the urban and natural environment. The staff's unique multi-discipline background and university resources have been documented in their individual biographies and applied on the following list of social and environmental studies:

- Tree Canopy Analysis- Schools Programs (IMD Urban EcoLab curriculum)
- Stewardship Mapping- Ballona Discovery Park
- Cities and the Environment Journal- Community Garden Initiatives
- Pocket Park Biodiversity- Summer Teacher Institutes in L.A.
- Urban Water Quality- Monthly Teacher Workshops
- Meso-Predator Ecology- Restorative Justice Initiative
- Urban Ecology Graduate Program- Urban Cat Study Group
- Education & Equity Social Research- University Sustainability Programs

**ADDITIONAL PRIORITIES**

**g. Leverage**

The applicant is utilizing \$59,000 in matching funds for the project. Equipment, management and technology assistance will be supplied pursuant to the CUREs department resources.

**j. Resolution of more than one issue**

This project aids in the planning for public access within the context of the unique biological resources of the Baldwin Hills. Striking a balance between passive, active and cultural recreation, the study will provide fact based data to be utilized for public policy, transportation enhancements, environmental education and long term preservation of the last large open space in the Ballona Creek watershed. GIS-mapping will demonstrate new data to analyze urban wild lands and its wide variety of public uses.

**k. Readiness**

LMU and its CUREs project team have the capacity for the project and are prepared to mobilize surveyors to meet the 2014-2017 project schedule.

**BALDWIN HILLS CONSERVANCY (BHC)**

**RESOLUTION 14-06**

**RESOLUTION AUTHORIZING A MATCHING GRANT IN AN AMOUNT NOT TO EXCEED \$237,000 OF BHC PROP 84 FUNDS TO LOYOLA MARYMOUNT UNIVERSITY FOR A PARK USER SURVEY STUDY AND ANALYSIS IN THE BALDWIN HILLS TERRITORY**

WHEREAS, under Division 22.7 of the California Public Resources Code, the Baldwin Hills Conservancy was created to acquire open space and manage public lands within the Baldwin Hills area and to provide recreation, restoration and protection of wildlife habitat within the Conservancy territory; and

WHEREAS, Public Resources Code 32569 (a) states the Conservancy may award grants to non-profit organizations for the purposes of its division; and

WHEREAS, Loyola Marymount University is a non-profit organization under section 501 (c) (3) of the Internal Revenue Code; and

WHEREAS, Loyola Marymount University's Center for Urban Resilience has a mission to empower communities to build resilient, vibrant, and just cities through meaningful interactions with their ecosystems by providing hands-on educational opportunities and engagement in the transformation of neighborhoods; and

WHEREAS, Loyola Marymount University has submitted an application for local assistance in the amount of \$236,042 to conduct a three year survey and analysis of park users in the Baldwin Hills; and

WHEREAS, the data collected by the survey will provide information for future allocation of resources, environmental education, improved public access and overall long term planning in the region; and

WHEREAS, the grant application has been reviewed by staff and board members and found to be consistent with the funding source and grant requirements adopted by the BHC under resolution 10-06; and

WHEREAS, pursuant to Public Resources Code 32565.5 (b) the Baldwin Hills Conservancy shall give priority to related projects that create expanded opportunities that provide recreation, aesthetic improvement, and wildlife habitat in the Baldwin Hills area; and

WHEREAS, pursuant to Public Resources Code 75060, funds from the Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Bond Act of 2006 are available for projects in the Baldwin Hills and Ballona Creek Watershed to promote access to and enjoyment of the coastal resources of the State; and to prevent contamination and degradation of coastal waters and watersheds; and

WHEREAS, as under Public Resources Code 15333 this action is exempt from the environmental impact requirements of the California Environmental Quality Act (CEQA); now

**THEREFORE BE IT RESOLVED, THE BALDWIN HILLS CONSERVANCY GOVERNING BOARD:**

1. AUTHORIZES A GRANT IN AN AMOUNT NOT TO EXCEED \$237,000 OF BHC PROP 84 FUNDS TO LOYOLA MARYMOUNT UNIVERSITY FOR THE PARK USER SURVEY STUDY OF THE BALDWIN HILLS TERRITORY
2. ADOPTS THE STAFF REPORT AND RECOMMENDATIONS DATED JULY 25, 2014 FOR THIS ITEM
3. APPOINTS THE EXECUTIVE OFFICER, AS AGENT TO CONDUCT ALL NEGOTIATIONS, EXECUTE AND SUBMIT ALL DOCUMENTS INCLUDING, BUT NOT LIMITED TO AGREEMENTS, PAYMENT REQUESTS, AND CERTIFICATIONS WHICH MAY BE NECESSARY FOR THE COMPLETION OF THE AFOREMENTIONED PROJECT(S)

Passed and Adopted by the Board of the  
BALDWIN HILLS CONSERVANCY

on \_\_\_\_\_, 2014.

\_\_\_\_\_  
Starlett Quarles  
Chair

ATTEST: \_\_\_\_\_  
Christina Bull Arndt  
Deputy Attorney General

**State of California — The Resources Agency  
BALDWIN HILLS CONSERVANCY**

*APPLICATION FOR LOCAL ASSISTANCE GRANT*

PROJECT NAME  The Value of Urban Parkland: A Park User Survey Study of the Baldwin Hills	\$ 236,042  \$ 295,090  ESTIMATED TOTAL PROJECT COST (State Grant and other funds)																
GRANTEE (Agency and address-including zip code)  Loyola Marymount University 1 LMU Drive Los Angeles, CA 90045	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">COUNTY</td> <td style="width:50%;">NEAREST CITY</td> </tr> <tr> <td>Los Angeles</td> <td>Los Angeles</td> </tr> <tr> <td colspan="2">PROJECT ADDRESS</td> </tr> <tr> <td colspan="2">4100 S. LaCienega Los Angeles, CA 90056</td> </tr> <tr> <td colspan="2">NEAREST CROSS STREET</td> </tr> <tr> <td colspan="2">Jefferson Boulevard</td> </tr> <tr> <td>SENATE DISTRICT NO.</td> <td>ASSEMBLY DISTRICT NO.</td> </tr> <tr> <td align="center">26</td> <td align="center">54 47</td> </tr> </table>	COUNTY	NEAREST CITY	Los Angeles	Los Angeles	PROJECT ADDRESS		4100 S. LaCienega Los Angeles, CA 90056		NEAREST CROSS STREET		Jefferson Boulevard		SENATE DISTRICT NO.	ASSEMBLY DISTRICT NO.	26	54 47
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NEAREST CROSS STREET																	
Jefferson Boulevard																	
SENATE DISTRICT NO.	ASSEMBLY DISTRICT NO.																
26	54 47																

Grantee's Representative Authorized in Resolution:

<u>Thomas O. Fleming, Jr.</u>	<u>Senior VP &amp; Chief Financial Officer</u>	<u>310-338-2738</u>
Name (type)	Title	Phone

Person with day-day responsibility for project (if different from authorized representative):

<u>Eric Strauss, Presidential Professor &amp; Director, Ctr for Urban Resilience (CUREs)</u>	<u>310-338-7337</u>
Name (type)	Phone

Brief description of project:  
 A long-term survey research study entitled "The Value of Urban Parks: A Park User Survey Study of the Baldwin Hills," to be conducted by the Center for Urban Resilience (CUREs) at Loyola Marymount University, in which we will investigate park usage from the perspective of park visitors to be combined with social scientific insight of the ecological and environmental roles of the Baldwin Hills.

For Dev. projects Land Tenure -- Project is: <u>N/A</u> acres:  _____ Acres owned in fee simple by Grant Applicant  _____ Acres available under a _____ year lease  _____ Acres other interest (explain) _____	For Acquisition projects-Projects will be <u>N/A</u> acres  _____ Acquired in fee simple by Grant Applicant  _____ Acquired in other than fee simple  _____
--	---

I certify that the information contained in this project application form, including required attachments, is accurate.

Signed 	<u>7-11-14</u>
Grantee's Authorized Representative as shown in Resolution	Date

The Authorized Representative of Loyola Marymount University  
APPROVES THE APPLICATION FOR GRANT FUNDS FROM  
THE BALDWIN HILLS CONSERVANCY  
FOR PROPOSITION 84 FUNDING FOR the **Value of Urban Parks: A Park User Survey Study of the  
Baldwin Hills Territory**

WHEREAS, the Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Bond Act of 2006, was adopted by California voters in the general election on November 7, 2006, which among other uses, provides funds to public agencies and nonprofit organizations in the State for the purpose of preventing contamination and degradation of coastal waters and watersheds, protecting and restoring the natural habitat values of coastal waters and lands, promoting access to and enjoyment of the coastal resources of the state, and

WHEREAS, the Baldwin Hills Conservancy has set forth the necessary procedures governing application for grant funds under the Proposition, and

WHEREAS, the Conservancy's procedures require an Authorized Representative of **Loyola Marymount University** to certify the approval of the application before submission of said application(s) to the Conservancy; and

WHEREAS, said application contains assurances that **Loyola Marymount University** must comply with; and

WHEREAS, **Loyola Marymount University** will enter into an Agreement with the Conservancy to provide a study for the promotion of access to and enjoyment of land and the coastal resources of the state

NOW, THEREFORE, BE IT AFFIRMED THAT **Loyola Marymount University** HEREBY:

1. Approves the filing of an application with the Baldwin Hills Conservancy for Proposition 84 Funds for the above project; and
2. Certifies that **Loyola Marymount University** understands the assurances and certification in the application form; and
3. Appoints the **Authorized Representative** or designee, to conduct all negotiations, and to execute and submit all documents including, but not limited to, applications, agreements, amendments, payment requests and so forth, which may be necessary for the completion of the aforementioned project.

Approved this 9 day of July, 2014



Authorized Representative Signature

**Thomas O. Fleming, Jr.**  
Senior Vice President and CFO

RESOLUTION OF THE EXECUTIVE COMMITTEE OF THE BOARD  
OF TRUSTEES  
LOYOLA MARYMOUNT UNIVERSITY

Ratifying the Appointment of Thomas O. Fleming, Jr. as Vice President of  
Business & Finance

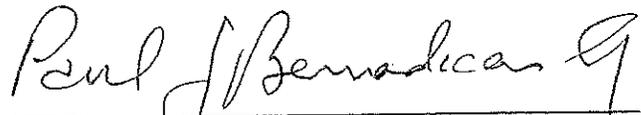
WHEREAS, Article IV, Sections 5 and 6, of the University's Bylaws authorizes the Board of Trustees to appoint an Executive Committee and authorizes the Executive Committee to act for and in place of the Board between regular Board meetings and during any recess;

WHEREAS, Article, Section 1, of the University's Bylaws provides that the officers of the Corporation may include one or more Vice Presidents;

WHEREAS FURTHER, the Board, at the recommendation of the President, at its December 2002 meeting appointed Thomas O. Fleming, Jr., as Acting Vice President of Business & Finance to serve during the search for a new Vice President of Business & Finance;

WHEREAS FURTHER, the President, following an extensive nationwide search and with input from the leadership of the Board and the University Community, has determined that Thomas O. Fleming, Jr., has the education, qualifications and experience necessary and appropriate to fulfill the duties of Vice President of Business & Finance and has advised the leadership of the Board and this Executive Committee of his desire that Thomas O. Fleming, Jr., be appointed Vice President of Business & Finance;

NOW, THEREFORE, BE IT RESOLVED that the Executive Committee hereby ratifies the President's appointment of Thomas O. Fleming, Jr., as Vice President for Business & Finance at Loyola Marymount University.

  
Secretary of the Board of Trustees

Adopted September 15, 2003  
Executive Committee of the Board of Trustees  
Loyola Marymount University

## **The Value of Urban Parkland: A Park User Survey Study of the Baldwin Hills**

### **Baldwin Hills NARRATIVE/SCOPE/TIMELINE**

The Baldwin Hills Conservancy (BHC) is committed to the acquisition of open space, protection of natural habitat, and provision of recreational and educational resources for users in the Baldwin Hills (BH). Relatedly, the BH Park Master Plan, a report describing long-term development for the BHC territory, calls for management and development of BH parklands to enhance the lives of the urban residents and park users, while protecting the urban wildlife and natural habitat of the BH ecosystem, including the intricate connections of the parklands to Santa Monica Bay and the Pacific Ocean. Recognizing these goals, and a need to understand how best to manage and develop the BH moving forward, the Center for Urban Resilience (CUREs) at Loyola Marymount University (LMU) proposes to conduct a long-term research study entitled "*The Value of Urban Parkland: A Park User Survey Study of the Baldwin Hills*," in which we will survey park users over time throughout the BH to assess various characteristics of their BH park experience, as well as the quality of the park's outdoor recreational resources. The goals of the Urban Parkland study are aimed at developing the BHC territory while protecting habitat, wildlife, urban watersheds, and coastal regions. Therefore, we submit the following application for consideration within the Proposition 84 grant program.

This will be a matching grant project (a match in the amount of \$59,048.00) and is aimed at understanding the significance of the BH park resources throughout its connected neighborhoods and communities by focusing on the demographic and geographical backgrounds of users, as well as the ways in which they use or are limited by the park and its outdoor resources. The study will target a wide range of focus areas and will prove beneficial given that there has never been a field-based attendance survey of the BH, much less a multifaceted analysis of the park users' experiences. Previous survey analyses of the BH have included imprecise approximations based on car counts and extrapolations. There is a desire for detailed park usage data by legislature and policy makers, a need that has not been able to be fulfilled by the various Parks and Recreation agencies in the region, including those of the cities of Los Angeles, Culver City, and Inglewood, the county of Los Angeles, and the state of California.

Matching financial and material support from LMU provides critical leverage in moving this project forward. Key outcomes from the insight gained from this study will be targeted areas of improvement, expansion, and development of BH parkland, park facilities, and supporting infrastructure, such as transportation, pedestrian walkways, bike routes, and staffing. Additionally, recommendations can be made in regards to necessary lines of funding or budget adjustments and as justifications in future grant applications. Findings will also inform recommendations for ongoing or forthcoming BHC and other local, state, and federal restorative, protection, and community development projects and initiatives, e.g. Park to Playa (Mountains Recreation and Conservation Authority, Office of Supervisor Mark Ridley-Thomas, & Baldwin Hills Conservancy, 2012) and the BH Master Plan. Finally, findings will support the BHC's efforts in having a reputable voice in issues regarding access to open space, Ballona Creek, and coastal resources of the region by disseminating this research in journal articles, brochures, media correspondence, and other regionally-based material.

Stated above are critical insight and impacts gained only through rigorous and extensive research methods, best obtained by means of a longitudinal survey of park usage from the perspective of park visitors. In this study, we intend to capture the user experience directly and within the physical space of the park and further combine this social scientific insight with CUREs' thorough understanding of the social, ecological, and environmental significance of BH. We are motivated to implement this research in order to improve the parklands and the experiences it provides. Two key interests are also increasing recreation opportunities for underserved communities and increasing connectivity amongst communities and existing parks, trails and urban streams. Surveying users directly will give voice to those underserved communities and demographic data will importantly highlight those communities that are missing or

## **The Value of Urban Parkland: A Park User Survey Study of the Baldwin Hills**

underrepresented in the park. Additional interests include providing guidance in establishing public access and entry ways, protecting urban watersheds and urban water quality, and providing support for Park to Playa which will create a comprehensive trail system from within Los Angeles to the coast. Survey data will allow us to best serve the public and make recommendations with an understanding of all parties' interests represented.

In alignment with Proposition 84 guidelines, the Urban Parkland study will inform recommendations in regards to the Park to Playa initiative (Mountains Recreation and Conservation Authority, et al., 2012), and in protecting urban water quality of local watersheds and Santa Monica Bay. With its location in the upper coastal zone of the Ballona watershed and a central connection to Santa Monica Bay via the Ballona Creek, management and development decisions within the BH parklands have direct implications on urban water quality throughout the watershed and at the Pacific coast. Insight gained from the Urban Parkland study will help move Park to Playa forward while minimizing any potential risks to habitat and water quality in the in the lower Ballona Creek Watershed and receiving waters of the Bay as a result of development.

As stated earlier, the Urban Parkland study is focused on increasing active recreation opportunities for underserved communities. A major social justice issue in regards to urban parks, such as the BH, is the limited availability of high quality recreational green space for local residents, particularly of low-income and racial/ethnic minority backgrounds (Dahmann, Wolch, Joassart-Marcelli, Reynolds, & Jerrett, 2010; Wolch, Wilson, & Fehrenbach, 2005). Urban parks are relatively small and serve large populations (Giles-Corti et al., 2005; Kaczynski, Potwarka, Smale, & Havitz, 2009). Consistently, the BH offer only approximately one acre of parkland per 1000 people (California Department of Parks and Recreation and Baldwin Hills Conservancy, 2002). Small in size, still the BH has a large impact in terms of the number of people served, as well as the number of different neighborhoods and cities in which users reside, including Culver City, Los Angeles, Inglewood, local unincorporated county, and the larger Los Angeles County. Furthermore, the BH parklands serves a greater-than-local interest given that Los Angeles experiences very high levels of tourism (Gladstone & Fainstein, 2001) and, as such, urban parks like the BH are used heavily by both local residents and near and distant visitors. These urban parklands are critical resources in providing extensive social and health benefits to people, e.g. social connectedness, mental and physical well-being (Chiesura, 2004; Dwyer, McPherson, Schroeder, & Rowntree, 1992); but local residents, particularly in the racial and ethnic minority-dominated Los Angeles, Inglewood, and unincorporated county areas, remain unjustly served with limited recreational green space (Wolch, et al., 2005). Thus, the Urban Parkland study aims to understand usage, as well as barriers to community access, thereby being able to provide recommendations on how to establish greater connectivity amongst existing isolated parks, trails and urban streams and improve user-friendliness by increasing public access pedestrian and bicycle entry ways within park-poor areas.

Altogether, as a significant, but limited, resource for outdoor recreation, along with its implications for environmental justice issues, i.e. in terms of inequitable distribution of green space, the BH are an important component of the urban Los Angeles landscape. The Urban Parkland study will obtain empirical understanding of park usage in the BH, particularly in the areas of levels and frequency of use, modes of activities, residential locations of users, and accessibility, among other important concerns. Thus, we will identify optimal areas for improvement, expansion, and of potential benefit in enhancing recreational opportunities within the BH for local residents, as well as more distant visitors. Consistently, local residents have advocated for better quality open and recreational green spaces in their communities (Alkon, 2008; Bullard & Johnson, 2000). Efforts to improve the existing BH urban parklands will, therefore, earn strong public support.

Diverse sets of stakeholders including local and state government entities, local residents and communities, and environmental justice non-profit organizations agree with and are motivated by the

## **The Value of Urban Parkland: A Park User Survey Study of the Baldwin Hills**

interests of the BHC. All are committed to developing the BH into a vibrant, unified, healthy community of diverse people, wildlife, and habitat as described in reports of ongoing or future projects and priorities such as the BH Master Plan (California Department of Parks and Recreation and Baldwin Hills Conservancy, 2002), Park to Playa (Mountains Recreation and Conservation Authority, et al., 2012) and the BHC's Summarized Strategic Plan (Baldwin Hills Conservancy, 2013). Recommendations about development borne from this study will be aligned with the aforementioned projects and priorities and will aim to encourage development to provide both active and passive recreation facilities while protecting the unique natural habitat of the BH, including panoramic views of the Los Angeles basin; public education and cultural resources; job training and employment opportunities; increased connectivity amongst existing smaller, more isolated parks and greater penetration of green space into the urban core of Los Angeles from the Ballona Creek, Ballona Wetlands, the Pacific coast and the 25-mile Beach Bike Path; greater public access by foot, bike, and mass transit; a profitable park management system to sustain park facilities and programming; and environmentally- responsible park features and elements. Once managed appropriately, the BH can enhance its presence in Los Angeles, Inglewood, Culver City, and in the unincorporated county areas and minimize any negative consequences.

The social and natural scientists of CUREs are equipped with the knowledge, technical expertise, and understanding of the complex social and ecological ramifications of development efforts in the BH, as well as the needs of the people who use or are currently underserved by the BH. Support from the BHC is critical to the execution of this research study as widespread and longitudinal interaction with the public within the BH is necessary for survey data collection. Additionally, a study of this magnitude requires significant financial assistance which is available from the BHC for the purposes of conducting work of this nature. The team at CUREs is poised to initiate this work immediately and, although a long-term study spanning three years is proposed, short-term research findings will be routinely available for use in the interim for BHC Board of Directors meetings and public engagements, as well as by other collaborating or interested parks and other government agencies.

### **Scope of Work**

The Urban Parkland study will be focused on 6 heavily trafficked areas within the BH (attached map): (i) the Kenneth Hahn State Recreation Area (two locations), (ii) the Culver City Park, (iii) the Ladera Ball Fields, (iv) the Norman O. Houston Park, (v) the BH Scenic Overlook and, (vi) the Ballona Creek Bike Path. For the Urban Parkland study, the CUREs team will develop a survey instrument tailored to assessing park usage in the BH. Survey questions will focus on acquiring the following information (See Appendix for survey items and justification):

- Number of park users;
- Frequency of use;
- Detailed demographics, including users' resident neighborhoods;
- Park activity engagement;
- Means of accessing the park, including parking and intermodal transportation options;
- Health and disposition;
- Any other critical information that will help the BHC better serve the public in parklands development or rehabilitation.

The Urban Parkland study will be conducted in two phases starting first with a short-term pilot study in August, 2014, followed by a more extensive, longitudinal study culminating in July, 2017. The pilot study will be focused on the necessary development, testing, and revision of an original park studies survey instrument. For the pilot study, 250 unique surveys will be conducted at the 6 locations throughout the BH during one time point in August, 2014 by undergraduate research assistants from Loyola Marymount University, trained by senior research staff within CUREs. Users will be intercepted throughout the park and will be invited to participate in a short, in-person survey interview. The pilot study is an important preliminary step to the extensive, longitudinal survey to ensure that a rigorous<sup>3</sup> and reliable instrument is developed. Following the pilot

## The Value of Urban Parkland: A Park User Survey Study of the Baldwin Hills

study, a longer, more comprehensive study will be implemented that will (i) capture a much larger participant sample size which is key in obtaining significant quantitative findings; (ii) collect data during two different seasonal time points, important for capturing temporal differences in park usage and accessibility; and (iii) allow the research team enough time in between data collection points to have the opportunity to review findings thus far and pursue additional lines of questioning. For the comprehensive study, 6000 unique surveys will be conducted at 6 locations throughout the BH during four seasonal data collection time points in July, 2015, January, 2016, July, 2016, and January, 2017. For each time point, 250 unique surveys will be collected at each park location. Users will again be intercepted throughout the park and will be invited to participate in a short, in-person survey interview. Survey participants will then be invited to provide more extensive data via a longer electronic survey. Furthermore, online survey participants will be invited to participate in follow-up electronic surveys 6 to 12 months later for additional repeated measures assessment, in addition to the unique surveys targeted.

As an additional source of data collection, remote-sensing camera equipment will be utilized in order to monitor the park and capture activity by both people and wildlife. This technique is an innovative method to boost the power of the study to capture the numbers of people visiting the park and associated data such as demographic background, park activity involvement, and location of park usage. Remote-sensing camera techniques have been employed by researchers within CUREs with very powerful outcomes (McCammon, 2014). In the event that we are unable to survey the desired 6000 unique participants over the course of our three year study, camera data will provide a rigorous and reliable alternative resource. In addition to camera data, phone interviews and/or targeted internet surveys may be employed to attain our desired numbers of study participants. Camera data also supplements the study by capturing activity during off-peak hours, particularly pre-dawn and post-dusk. Secondary census data are also available to be used in conjunction with the primary survey data collected in person. Using survey, camera, and census data, findings will be derived via statistical and geospatial analyses using SPSS and ArcGIS technology, respectively.

Throughout the course of the study, CUREs will communicate developing findings and anticipated next steps with collaborating and interested parks and other government agencies, such as Parks and Recreation from the City of Los Angeles, Culver City, and Inglewood, and the County of Los Angeles, in addition to the BHC. We will coordinate our efforts with these agencies to amplify our efforts and impacts as we do synergistic work and will accept input and guidance from these agencies, as well.

Altogether, from this expansive and rigorous collection of survey, census, and camera data from the Urban Parkland study, CUREs will provide the BHC and other collaborating or interested agencies with:

- Annual reports of study progress and findings each December, as well as a final summative report in July, 2017.
- Graphical summaries and other visualizations of study findings, including geographic information systems (GIS) maps integrated with survey and camera data and findings.
- Recommendations for plans in regards to development of the parklands themselves or the surrounding infrastructure to attract and maintain park users, including:
  - Establishing greater connectivity amongst existing parks, trails and urban streams;
  - Establishing mass transportation systems and routes to the BH;
  - Identification of key public access and entry ways for pedestrians and bicyclists; Assurance that trails and services can be utilized by the disabled;
  - Provision of adequate parking;
  - Installation of informative signage;
  - Implementation of public health initiatives;
  - Addressing park scarcity in park-poor and/or highly populated communities; Implementation of community science and environmental education programming;
  - Implementation of public relations technical resources, e.g. social media and advertising platforms; and
  - Allocation of environmental resource funds for climate change adaptation projects.

## The Value of Urban Parkland: A Park User Survey Study of the Baldwin Hills

### Timeline

Target	Due Date
<b>PILOT STUDY</b>	
Development of survey instrument	Jul, 2014
Pilot study data collection	Aug, 2014
Submit pilot study research findings to BHC	Dec, 2014
<b>COMPREHENSIVE STUDY</b>	
First seasonal data collection	Jul, 2015
Submit first semiannual report to BHC	Dec, 2015
Second seasonal data collection	Jan, 2016
Submit second semiannual report to BHC	Jun, 2016
Third seasonal data collection	Jul, 2016
Submit third semiannual report to BHC	Dec, 2016
Fourth seasonal data collection	Jan, 2017
Submit fourth semiannual report to BHC	Jun, 2017
Submit summative final report and visualizations	Dec, 2017

## **The Value of Urban Parkland: A Park User Survey Study of the Baldwin Hills**

### **Baldwin Hills PROJECT COSTS**

The Urban Parkland study will be conducted by the research and administrative team in CUREs including:

- Dr. Eric Strauss –Executive Director, Center for Urban Resilience
- Dr. John Dorsey – Director of Research, Center for Urban Resilience
- Dr. James Landry – Director of Operations, Center for Urban Resilience
- Dr. Sheron Mark – Post-Doctoral Research Fellow, Center for Urban Resilience
- Dr. Michele Romolini – Post-Doctoral Research Fellow, Center for Urban Resilience
- Dr. Robert Ryan - Professor of Landscape Architecture and Regional Planning
- Dr. William Lynn - Senior Fellow, Ethics and Public Policy, Center for Urban Resilience
- April Sandifer – Operations Manager, Center for Urban Resilience
- Loyola Marymount University Undergraduate Research Assistants

**See Attached Table.**

Loyola Marymount University

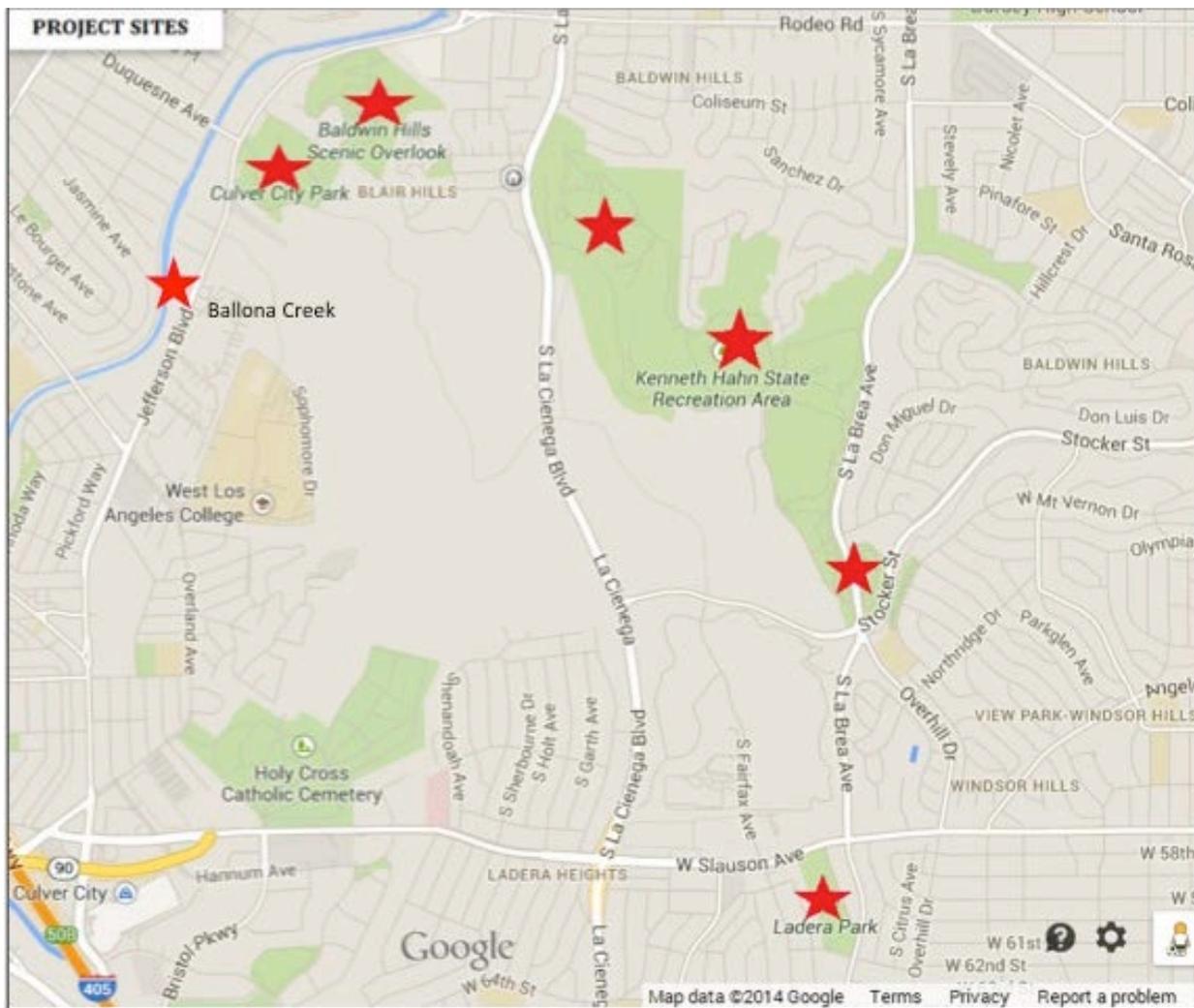
Funding Agency: Baldwin Hills Conservancy  
 Program: Proposition 84  
 Project Director: Eric Strauss

Project Title: The Value of Urban Parkland: A Park User Survey Study of the Baldwin Hills  
 Agency Deadline: July 9, 2014

	10/1/2014 - 09/30/2015		10/01/2015 - 09/30/2017		Totals		Specific Tasks
	Period 1		Period 2		Totals		
	LMU Request	LMU Match	LMU Request	LMU Match	Total LMU Budget Request	Total LMU Match	
<b>A. LMU Personnel</b>							
1. LMU Project Director	\$0	\$2,444	\$10,967	\$8,810	\$10,967	\$11,253	Overall project supervision & coordination
2. Research Associate	\$0	\$2,818	\$5,966	\$2,043	\$5,966	\$4,860	Attendance at project meetings
3. Research Associate	\$0	\$1,115	\$0	\$3,599	\$0	\$4,715	LMU administration & BHC relations
4. Research Associate	\$13,464	\$0	\$36,144	\$0	\$49,608	\$0	Study design & review; Report preparation & review
5. Research Associate	\$4,140	\$0	\$10,800	\$0	\$14,940	\$0	Survey development & review
6. Undergraduate Research Assistants	\$1,035	\$0	\$17,800	\$0	\$18,835	\$0	Training (5 hours), Data collection, Data entry
<b>Total Salaries</b>	<b>\$18,639</b>	<b>\$6,377</b>	<b>\$81,677</b>	<b>\$14,452</b>	<b>\$100,316</b>	<b>\$20,829</b>	
<b>B. Fringe: 33.5% excluding students</b>							
<b>Total Fringe</b>	<b>\$5,897</b>	<b>\$2,136</b>	<b>\$21,399</b>	<b>\$4,841</b>	<b>\$27,296</b>	<b>\$6,978</b>	
<b>Total Personnel = Salaries and Fringe</b>	<b>\$24,536</b>	<b>\$8,513</b>	<b>\$103,076</b>	<b>\$19,293</b>	<b>\$127,612</b>	<b>\$27,806</b>	
<b>C. Supplies</b>						\$0	
1. Census Data Access	\$0	\$0	\$0	\$0	\$0	\$0	
2. GPS Locaters (4 rentals @ \$50/day x 10 days)	\$2,000	\$0	\$0	\$0	\$0	\$0	
3. Digital Cameras (3 rentals @ \$167/day x 2 days)	\$1,002	\$0	\$0	\$0	\$0	\$0	
4. ArcGIS Desktop Standard	\$0	\$7,000	\$0	\$0	\$0	\$7,000	
<b>Total Supplies</b>	<b>\$3,002</b>	<b>\$7,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,002</b>	<b>\$7,000</b>	
<b>D. Contractual</b>						\$0	
1. Robert Ryan	\$2,800	\$0	\$24,000	\$0	\$26,800	\$0	Research Study desgin, analysis, technical support
2. William Lynn	\$4,800	\$0	\$34,000	\$0	\$38,800	\$0	Data collection & analysis, study design
3. Michael Strobach	\$0	\$2,400	\$0	\$12,000	\$0	\$14,400	GIS integration, analysis and map production
<b>Total Contractual</b>	<b>\$7,600</b>	<b>\$2,400</b>	<b>\$58,000</b>	<b>\$12,000</b>	<b>\$65,600</b>	<b>\$14,400</b>	
<b>E. Other</b>							
Mileage (20 miles/day @ \$0.56/mile; Yr 1: 10 days; Yr 2: 13 days)	\$112	\$0	\$146	\$0	\$258	\$0	
Parking (\$10/day; Yr 1: 10 days; Yr 2: 13 days)	\$100	\$0	\$130	\$0	\$230	\$0	
<b>Total Other</b>	<b>\$212</b>	<b>\$0</b>	<b>\$276</b>	<b>\$0</b>	<b>\$488</b>	<b>\$0</b>	
<b>Total Direct Costs</b>	<b>\$35,350</b>	<b>\$17,913</b>	<b>\$161,352</b>	<b>\$31,293</b>	<b>\$196,702</b>	<b>\$49,206</b>	
<b>F. Indirect Costs, 20% on MTDC base</b>	<b>\$7,070</b>	<b>\$3,583</b>	<b>\$32,270</b>	<b>\$6,259</b>	<b>\$39,340</b>	<b>\$9,841</b>	
<b>TOTAL</b>	<b>\$42,420</b>	<b>\$21,496</b>	<b>\$193,622</b>	<b>\$37,552</b>	<b>\$236,042</b>	<b>\$59,048</b>	

# The Value of Urban Parkland: A Park User Survey Study of the Baldwin Hills

## Baldwin Hills PROJECT LOCATION (MAP)



# The Value of Urban Parkland: A Park User Survey Study of the Baldwin Hills

## Baldwin Hills

### APPLICANT BACKGROUND / RELATED EXPERIENCE

#### **CURRICULUM VITAE: ERIC G. STRAUSS** July 2014

##### **Professional Address:**

Frank Seaver College of Science & Engineering  
Loyola Marymount University  
One LMU Drive, Los Angeles, CA 90045  
Laboratory: 310-338-7337 E-Mail: eric.strauss@lmu.edu

##### **Educational Preparation:**

Ph.D. Biology, Tufts University (1990)  
B.S. Emerson College (1981)  
A.A. Cape Cod Community College (1980)

##### **Current and Recent Professional Appointments:**

*President's Professor*, Loyola Marymount University (2010-present)  
*Executive Director*, LMU Center for Urban Resilience (2011-present)  
*Executive Director*, Discover Ballona Natural History Park, (2011-present)  
*Senior Editor and Co-Founder*, Cities and the Environment Journal (2006-present)  
*Research Associate Professor*, Boston College (1999-2010)  
*Director of Science/Science Advisor*, Urban Ecology Institute (1998-2010)  
*Founding Director*, Environmental Studies Program, Boston College (1996-2010)

##### **Selected Current Awards and Grants (Total: ~ \$10.2 million):**

Principal Investigator: *Restorative Justice Program Development*, Porticus Foundation, \$180,000, 2014-2017. Co-Investigator: Ms. Schoene Mahmood (LMU).

Principal Investigator: *Urban Ecology Collaborative Program Development*, The Annenberg Foundation, 2013-2015, \$450,000. Co-Investigators: Drs. James Landry and John Dorsey (LMU).

Co-Principal Investigator: *A strategies Project - Seeding the Future: Creating a Green Collar Workforce through Learning about Indoor Urban Farming Technologies & Alternative Energy Sources*, National Science Foundation (ITEST), 2013-2016, \$1,196,874. Co-Principal Investigators: Drs. Michael Barnett (PI), David Blustein, Elizabeth Bagnani and Catherine Wong (Boston College) (Co-PI's).

Co-Principal Investigator: *Urban Natural Resources Stewardship Research Partnership*, USDA Forest Service, 2013-2015, \$40,000. Co-Investigators: Drs. Morgan Grove (USDA Forest Service) and Michele Romolini (LMU).

Co-Principal Investigator: Keck Postdoc Fellow and Faculty Development Program, The W.M. Keck Foundation, 2012-2015, \$250,000. Co-Principal Investigator: Dr. Curtis Bennett (LMU)

## The Value of Urban Parkland: A Park User Survey Study of the Baldwin Hills

Co-Principal Investigator: Project STELLAR: Teaching for Critical Transitions, The U.S. Department of Education, \$1,954,124, 2012-2017. Co-Investigators: Drs. Magaly Lavadenz (PI) and Elvira Armas (Co-PI) (LMU).

Co-Principal Investigator: Pathways: From the Lab to the Neighborhood: An Interactive Living Exhibit For Advancing STEM Engagement with Urban Systems in Science Museums, National Science Foundation, 2013-2015, \$249,000. Co-Investigators: Drs. Robert Ryan (PI). Colin Polsky, Paige Warren (UMass) and Alexander Goldowsky (Worcester Ecotarium) (Co-PI's).

Co-Principal Investigator: *Boston Metropolitan Area ULTRA: Exploring Past, Current and Future Socio-ecological Dynamics of a Founding City*, National Science Foundation, 2009-2012, \$300,000. Co-Investigators: Drs. Paige Warren (PI), Robert Ryan and Craig Nicolson (UMass) and Dr. Colin Polsky (Clark U.).

Principal Investigator: *Urban Ecology Course Materials Created with a Universal Design for Learning Framework*, \$2,093,000, National Science Foundation, 2006–2013. Co-Principal Investigators: Dr. Michael Barnett & Dr. Kate McNeill (Boston College), Mr. Charles Lord (Urban Ecology Institute), and Dr. Tracey Hall (Center for Applied Special Technologies).

Principal Investigator: *Sustainability Education Through Citizen Science Program*, \$50,000, Board of Supervisors County of Los Angeles, 2<sup>nd</sup> District Supervisory Office of Mark Ridley-Thomas, 2010-2012. Co-Principal Investigator: Hon. Ruth Galanter.

### **Current and Recent Research and Synergistic Activities:**

*Founding Director*, LMU Center for Urban Resilience (2011-present). In my capacity as the founding director, I have been charged with developing an urban ecology research initiative, community-based resident science center and a new graduate degree program in urban sustainability. To date, we have initiated research collaborations with multiple faculty and local non-profit organizations, hosted summer institutes and workshops for science teachers, opened the Ballona Discovery Park, designed a new graduate program and developed the LMU Restorative Justice Program. Our collaborations with New England research scientists and teachers have been maintained and strengthened. In addition, we have moved the Cities and Environment Journal to LMU.

*Principal/Co-Principal Investigator* of Research Joint Venture Agreements and ULTRAex awards with the USDA Forest Service (2006-present). Projects feature the development and implementation of urban forestry analysis, trophic dynamics, community engagement and educational dissemination plans. Conducted in cooperation in Boston with the Urban Ecology Institute, Boston Urban Forest Coalition and most recently in Los Angeles. This collaboration has expanded to include multiple universities with the recent awarding of an NSF Urban Long Term Research Areas Exploratory Grant (ULTRA) in July of 2009 and NSF AISL in 2013.

*Senior Editor and Co-Founder*, Cities and the Environment Journal (2006-present). Developed as a web-based peer-reviewed journal of urban ecology, CATE serves as a national source for both theoretical scholars and practitioners to share their work. Funded by the USDA Forest Service, managed by Anne Cumming and hosted by Boston College, CATE connects educators, researchers, practitioners and policy makers in a dynamic digital forum ([www.catejournal.org](http://www.catejournal.org)).

# The Value of Urban Parkland: A Park User Survey Study of the Baldwin Hills

**John H. Dorsey, Ph.D.**

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Loyola Marymount University

Department of Civil Engineering & Environmental Science

Los Angeles, CA 90045

Work phone: 310-338-7817

jdorsey@lmu.edu

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## **SUMMARY OF QUALIFICATIONS**

- Professor at Loyola Marymount University since 2002 (part-time since 1985); teaches courses in environmental and marine science, laboratory wastewater and environmental analyses.
- Director of Research for the Center for Urban Resilience at LMU.
- Present research on wetland and coastal water quality.
- Board Certified Environmental Scientist (by eminence) by the American Academy of Environmental Engineers & Scientists.
- Experience with monitoring and research of coastal marine habitats, water quality, monitoring and control of polluted runoff.
- Experience with development of marine monitoring programs, regulatory policy.
- Extensive working relationships with scientific, academic, regulatory, and environmental communities.

## **EDUCATION**

Ph.D. 1982. Zoology, University of Melbourne (Australia).

MA 1975. Biology, California State University, Long Beach.

B.S. 1972. Marine Biology, California State University, Long Beach.

## **EXPERIENCE**

### **Teaching**

- Developed and implemented new environmental science courses.
- Established new Environmental Science major at LMU.
- Consistently receives student evaluations averaging Very Good-Excellent.
- Focuses on effectively communicating technical information and issues to students, agency personnel, environmental activists, and the general public.

### **Research**

- Post-graduate research on effects of sewage disposal on rocky subtidal polychaete assemblages (MA) and synecology of nereid polychaetes in soft sediments exposed to wastewater effluents (Ph.D.).
- Impacts of wastewater disposal on marine benthic communities.
- Bacterial contamination of urban runoff entering coastal waters.

## **The Value of Urban Parkland: A Park User Survey Study of the Baldwin Hills**

- Transport and fate of fecal bacteria in wetland systems.

### **Technical**

- Board Certified Environmental Scientist (American Academy of Environmental Engineers & Scientists)
- Assisted in developing a comprehensive Bay monitoring plan for the Santa Monica Bay Restoration Project.
- Developed statistical and graphical assessment techniques and reporting formats for City of Los Angeles' marine monitoring programs.
- Worked with City of LA, EPA Region 9, and State regulatory staffs to develop a comprehensive NPDES marine monitoring program for the Hyperion Treatment Plant.
- Worked with municipal, health, regulatory and environmental activist scientists in developing a microbiological shoreline monitoring program for Santa Monica Bay.
- Worked with regulatory scientists (EPA, RWQCB, SWRCB) on revamping marine monitoring techniques around marine outfalls.
- Designed and implemented storm water studies to determine pollution "hot spots"; wrote technical reports recommending mitigating actions.
- Assessed effectiveness of pollution removal strategies done by municipalities so shoreline marine waters meet State bathing water standards (for the California state Water Resources Control Board).
- Now conducting water quality research in the Ballona Wetlands and Estuary, Del Rey Lagoon.

### **Policy Development**

- Chaired technical committees in developing flexible monitoring strategies for the Santa Monica Bay Restoration Project.
- Key player in developing a regional shoreline monitoring program; chaired the Microbiology subcommittee for the Bight'98 Regional Shoreline survey.
- Used data from technical assessments to implement policy of diverting polluted runoff from storm drains into the sanitary sewers.

### **Communication**

- Numerous technical articles in peer-reviewed journals; other reports.
- Training in media relations and interviews – with Jack Popejoy (KFWB News), Gail Choice (Gail Choice Productions, Channel 35).
- Numerous presentations to community, environmental, technical and scientific groups, government officials, and the media (radio, television, newspaper).

### **Peer-Review of Manuscripts for Journals**

- Environmental Monitoring & Assessment
- Bulletin of the Southern California Academy of Sciences
- Marine Pollution Bulletin
- Water Research

### **PROFESSIONAL AFFILIATIONS**

- Santa Monica Bay Restoration Commission, Technical Advisory Committee (Past Chair)
- Southern California Academy of Sciences (Board of Directors, 2000-present; Secretary, 2002-04; President, 2004-2006).
- USC Sea Grant Advisory committee
- Science Advisory Committee (SAC) for the Ballona Wetlands Restoration Project
- Sigma Xi

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- Dorsey, J.H. 1978. A first report of *Heteropodarke heteromorpha* Hartmann-Schroder, 1962 from California. Bull. So. Calif. Acad. Sci 77: 82-83.
- Dorsey, J.H. 1981. The Ecology of *Australonereis ehlersi* (Augener, 1913) and *Ceratonereis erythraeensis* Fauvel, 1919 (Polychaeta, Nereidae) Living Offshore from the Werribee Sewage-Treatment Farm, Port Phillip Bay, Victoria, Australia. Doctoral dissertation, Department of Zoology, University of Melbourne, Australia.
- Dorsey, J.H. 1982. The intertidal community offshore from the Werribee sewage-treatment farm: An opportunistic infaunal assemblage. Aust. J. Mar. Freshwat. Res. 33: 45-54.
- Dorsey, J.H. 1988. Wastewater discharge in Santa Monica Bay: I. Introduction and effects on macrofaunal assemblages. pp. 27-31 in: Managing Inflows to California's Bays and Estuaries. Proceedings of the Symposium. The Bay Institute of San Francisco, Sausalito, CA.
- Dorsey, J.H. 2006. Densities of fecal indicator bacteria in tidal waters of the Ballona Wetlands, Los Angeles County, California. Bull. Southern California Acad. Sci. 105(2): 59-75.
- Dorsey, John H. 2007. Attaining good water quality through California's Clean Beach Initiative: An assessment of seventeen projects. Report submitted to the southern California coastal Water Research Project and the California State Water Resources Control Board (Division of financial Assistance). June 20, 2007. 25 p. + Appendices.
- Dorsey, John H. 2009. Improving water quality through California's Clean Beach initiative: an assessment of 17 projects. Environ. Monit. Assess. DOI 10.1007/s10661-009-0987-5
- Dorsey, J.H. and Guang-Yu Wang. 1999. Bacteriological shoreline monitoring: Shifting focus, improving communication. Coastal Zone 99, Conference Abstracts: 436-438.
- Dorsey, John H. and Joe Rasmussen. 2012. Evaluating food digestion effluent for landscape use: Shrubs or sewers? BioCycle, September 2012: 26-28.
- Dorsey, J.H., K.D. Green and R.C. Rowe. 1983. The effects of sewage discharge on the polychaetous annelids at San Clemente Island, California. pp. 209-233 In: D.F. Soule and D. Walsh (Ed's), Waste Disposal in the Ocean: Minimizing Impact, Maximizing Benefits. Westview Press, Inc., Boulder, CO.
- Dorsey, J.H. and C.A. Phillips. 1987. A new species of *Syllis* (*Ehlersia*) (Polychaeta, Syllidae) from southern California, and description of the epitoke and atoke variation in *S. heterochaeta* Moore, 1909. Biol. Soc. Wash. Bull. No. 7, pp. 152-161.
- Dorsey, J.H. and R.N. Synnot. 1980. Marine soft-bottom benthic community offshore from the Black Rock sewage outfall, Connewarre, Victoria. Aust. J. Mar. Freshwat. Res. 31: 155-162.

## The Value of Urban Parkland: A Park User Survey Study of the Baldwin Hills

**Sheron L. Mark, Ph.D.**

Post-Doctoral Research Fellow, STEM and Environmental Education

Center for Urban Resilience (CUREs)

Seaver College of Science and Engineering

Loyola Marymount University

Los Angeles, CA 90045

Cell Phone: 917 443 1854/Home Phone: 562 291 0509

Sheron.Mark@lmu.edu

### EDUCATION

**Boston College, Chestnut Hill, MA, Doctor of Philosophy, Curriculum and Instruction – Science Education** (Sept, 2008 – May, 2012). Lynch School of Education, Department of Teacher Education, Special Education and Curriculum & Instruction.

Doctoral Dissertation: An Investigation of the Negotiation of Student Science Identity in an Informal Science Learning Environment.

**Syracuse University, Syracuse, NY, Master of Science, Chemical Engineering** (Aug, 2006 – May, 2008). L.C. Smith College of Engineering and Computer Science.

Master's Thesis: Understanding Multidrug Resistance in *Pseudomonas aeruginosa* and Controlling Bacterial Biofilm Formation Using Novel Synthetic Peptides.

**Syracuse University, Syracuse, NY, Bachelor of Science, Magna Cum Laude, Biochemistry** (Aug, 2003 – May, 2006). College of Arts and Sciences.

### HONORS AND AWARDS

Keck Foundation Teaching Fellow, Seaver College of Science and Engineering, Seaver College of Science and Engineering, Loyola Marymount University, Los Angeles, CA 90045 – August, 2013 – present.

The Keck Foundation fellowship trains post-doctoral fellows in teaching and research in preparation for future faculty positions, particularly at student-centered, undergraduate teaching institutions. Fellows are under the guidance of teaching, research and professional faculty mentors.

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**development program.** Paper presented at the 2010 annual meeting of the National Association for Research in Science Teaching (NARST), Philadelphia, PA.

### INVITED TALKS

Barnett, M., Blustein, D., & **Mark, S.** (2010, November). **Enhancing youth motivation for STEM career development.** Presented as a part of the Learning Resources Center at the Educational Development Center ITEST webinar series. In ITEST Program Findings on Youth Motivation, Interest, and Identity as it Relates to STEM Career Development. Online at: <http://itestlrc.edc.org/resources/itest-program-findings-youth-motivation-interest-and-identity-it-relates-stem-career-devel>

### PROFESSIONAL RESEARCH EXPERIENCES:

**Post-Doctoral Research Fellow, Loyola Marymount University.** (August, 2012 - present). Within the Center for Urban Resilience (CUREs) at Loyola Marymount University, I conduct social scientific research in order to grow our understanding and ability to contribute change in moving towards a more just and empowered society. I do this through social scientific research on urban public school districts, along with the communities they serve, and science, technology, engineering and mathematics (STEM) education utilizing multiperspective lenses including student-centered education, social justice, and social ecology. Overall, I aim to improve the quality of education, career outlooks, and lifelong options of traditionally marginalized and disenfranchised populations, as well as majority and more visible communities. Some research projects include:

- The evaluation of a year-long urban science teacher professional development program in urban ecology and STEM education;
- The evaluation of high school urban ecology curriculum materials, particularly one module focused on urban farming and food resources, that target interdisciplinary student learning and development;
- The investigation of a school-community collaborative effort in urban garden and restoration initiatives;
- An examination of the social and learning outcomes for students in out-of-school STEM settings including an outdoor research classroom (The Ballona Wetlands Discovery Park), the educational center of a major local public amenity (Los Angeles Hyperion Wastewater Treatment Facility) and a Compton community center; and
- An examination of the impact of the implementation of urban ecology curriculum materials in high school classrooms across multiple subjects.

**Graduate Research Assistant, Boston College.** (2008 – 2012). Worked on an interdisciplinary team of researchers and graduate students on a longitudinal mixed methods National Science Foundation-funded (NSF-funded) ITEST (Innovative Technology Experiences for Students and Teachers) research study entitled [\*Information Technology and College Pathways through Application of Technology to Explore Urban Ecological Challenges\*](#).

**Educational Research Assistant, Program in Education, Afterschool and Resiliency (PEAR)/Harvard University,** (2011 – 2012). Informal STEM Program Research Observer.

## **The Value of Urban Parkland: A Park User Survey Study of the Baldwin Hills**

**Freshman Instructor, Cristo Rey Boston High School, Savin Hill, Boston, MA.** (Summer, 2011). Taught freshman career development and orientation training sessions. Helped design curriculum and final assessments focused on the hard and soft career skills required for student entry into corporate job assignments beginning September, 2011. Cristo Rey is a network of schools that focuses on the career development of low-income, urban youth.

**Program Coordinator, College Bound, Boston College** (Spring, 2009 – Spring, 2012). Involved in a diverse set of roles within the College Bound program including curriculum and program development, recruitment, student activities and services, coordination of external contacts and research.

### **STEM PROGRAM, COURSE AND CURRICULUM DEVELOPMENT**

**Urban Ecology Graduate Program Development, Loyola Marymount University, Seaver College of Science and Engineering.** (April, 2013 – present). Working with the Department Chair of the Environmental Science Program, Dr. John Dorsey, and fellow post-doctoral fellow, Dr. Michele Romilini, to develop a proposal for a graduate program in Urban Ecology within the Seaver College of Science and Engineering.

**KECK Interdisciplinary Undergraduate Course Development, Seaver College of Science and Engineering, Loyola Marymount University.** (Summer, 2013). Working within a team of faculty members (Dr. Heather Tarleton, Public Health; Dr. Yanping Ma, Mathematics; Dr. Eric Strauss, Ecology) in developing a novel interdisciplinary course entitled *The Ecology of Homelessness*.

**Project STELLAR (Science Teaching for English Learners – Leveraging Academic Rigor), Center for Equity for English Learners (CEEL); Center for Urban Resilience (CUREs), Loyola Marymount University – Elementary and Middle School.** (August, 2012 - present). Working with a diverse group of LMU faculty and education practitioners to execute a national teacher professional development and research grant entitled *Project STELLAR* (PI: Magaly Lavadenz, Ph. D., LMU) throughout the Culver City, Lennox, and Wiseburn school districts and with the Environmental Charter School in Los Angeles, CA. This educational initiative involves the use of Urban Ecology, which is content-rich and investigative and skills-focused, as a curricular framework for STEM (science, technology, engineering and mathematics) education, English language arts and English language development in upper elementary and middle school.

**Center for Urban Resilience (CUREs) Strategic Planning and Design Integrating Urban Ecology and the Natural Sciences, Education and Restorative Justice, Loyola Marymount University.** (December, 2013 – present).

### **HUMAN RESOURCES CERTIFICATION**

**Recognize Child Abuse and Neglect.** Loyola Marymount University (December, 2013).

**Stop Harassment and Discrimination.** Loyola Marymount University (December, 2013).

# The Value of Urban Parkland: A Park User Survey Study of the Baldwin Hills

## Michele Romolini, Ph.D.

Postdoctoral Fellow & Part-Time Faculty  
Center for Urban Resilience, Loyola Marymount University  
1 LMU Drive, Research Annex 120, Los Angeles, CA 90045  
310-338-5104  
michele.romolini@lmu.edu

### EDUCATION

- University of Vermont, Ph.D., Natural Resources, 2013
- University of Pennsylvania, M.E.S., Urban Environments, 2006
- University of Pennsylvania, B.A., Biology, Anthropology, Psychology, 2000

### GRANTS/FELLOWSHIPS

- 2013-2015, Loyola Marymount University/USDA Forest Service, Postdoctoral Fellowship
- 2010-2013, University of Vermont/USDA Forest Service, Graduate Research Assistantship
- 2009, US LTER National Office, LTER All Scientists Meeting working group funding
- 2008-2010, University of Vermont, Graduate Teaching Assistantship
- 2005, U.S. Fund for the Improvement of Postsecondary Education (FIPSE) grant
- 2004, Wildlife Habitat Council scholarship

### RESEARCH EXPERIENCE

- Postdoctoral fellowship research: “Los Angeles Stewardship Mapping & Assessment Project (L.A. Stew-MAP).” Research is based on national USDA Forest Service urban programs in progress in Baltimore, Chicago, New York City, Philadelphia, San Juan, and Seattle. It also builds on dissertation work in Baltimore and Seattle.
- Dissertation: “Adaptive Governance for 21st Century Sustainable Cities: Comparing Stewardship Networks in Baltimore and Seattle.” Advisor: J. Morgan Grove, USDA Forest Service, Baltimore Field Station. Mixed method approach included cognitive mapping; ethnographic and historical research; citywide social surveys of organizations; and statistical, spatial, and social network analysis.
- Co-PI of a study titled “Identifying the benefits and barriers to LTER graduate student socio-ecological research.” Led a collaborative team from five universities employing survey and interview methods.
- Master’s research: Case study on urban landscape/greening redevelopment for vacant land in historically disadvantaged neighborhoods in Philadelphia.

### TEACHING EXPERIENCE

- Spring 2014, Instructor, Biology 321: Urban Ecology, Loyola Marymount University
  - Developed syllabus and content for an introductory urban ecology class, leading students through the general topics of Urban Hydrology, Forestry & Green Infrastructure, Wildlife, and Social Ecology (16 students)
- Fall 2013, Instructor, Biology 111: General Biology Lab, Loyola Marymount University
  - Ran three concurrent introductory Biology lab sections, covering microbiology, botany, and animal dissection experiments (45 students)
- Spring 2012, Co-Instructor, Biology 005: Urban Ecology & Citizenship, Georgetown University

## The Value of Urban Parkland: A Park User Survey Study of the Baldwin Hills

- Co-led with two other instructors; Large role in content development, preparation of assignments and classroom activities, grading and assisting students with assignments; Lectured on topics of Environmental Justice & Collaborative Governance (30 students)
- Fall 2008 - Spring 2010, Graduate Teaching Assistant, University of Vermont
  - Natural Resources 104: Social Processes and the Environment - Lectured on governance topics, advised and graded student assignments (75 students)
  - Natural Resources 002: Nature & Culture - Led two weekly discussion sections, prepared classroom activities, offered writing assistance, graded assignments and exams (40 students)
  - Natural Resources 001: Natural History & Field Ecology - Led fieldwork and grading for weekly field ecology labs (20 students)

### PUBLICATIONS

- Romolini, M., et al. (2014, submitted). Information Sharing in the Sustainable City: A Comparison of Stewardship Networks in Seattle & Baltimore. Manuscript submitted, American Review of Public Administration.
- Romolini, M. & Wolf, K. (2013, submitted). Comparing Professional Perceptions of Environmental Stewardship in Baltimore and Seattle. Manuscript submitted, Urban Forestry & Urban Greening.
- Romolini, M., Grove, J.M., & Locke, D. (2013). Assessing and Comparing Relationships Between Urban Environmental Stewardship Networks and Land Cover in Baltimore and Seattle. *Landscape & Urban Planning* 120: 190-207.
- Romolini, M., Record, S., Garvoille, R., Geiger, R. and Marusenko, Y. (2013). The Next Generation of Scientists: Examining the Experiences of Graduate Students in Network-Level Science. *Ecology & Society* 18(3): 42.
- Romolini, M. (2013). Governance of 21st century sustainable cities: Examining stewardship networks in Baltimore & Seattle. (Unpublished doctoral dissertation). Burlington, VT - University of Vermont.
- Wolf, K.L., Blahna, D., Brinkley, W. & Romolini, M. (2013). Environmental Stewardship Footprint Research: Linking Human Agency and Ecosystem Health in the Puget Sound Region. *Urban Ecosystems* 16: 13-32.
- Romolini, M., Brinkley, W., & Wolf, K. (2012). What is Urban Environmental Stewardship? Constructing a Practitioner-Derived Framework. USDA Forest Service Research Note (PNW-RN-566). Seattle, WA: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 41 p.

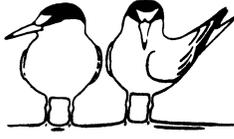
### ACADEMIC & COMMUNITY PRESENTATIONS

- *Positive Land Use: Urban Forestry & Green Infrastructure*. Presented as part of the Teacher Professional Development Workshop conducted by Loyola Marymount University's Center for Urban Resilience, Los Angeles, CA, 5/2014.
- *Promoting Baltimore's Sustainability through Stewardship Networks: From Inventory to Collaborative Management*. Presented as part of organized session "Moving from case studies to cross-site research of urban ecosystems, institutions and governance" at the 2<sup>nd</sup> Global Lands Project Open Science Meeting, Berlin, Germany, 3/2014.
- *From Data to Management of Stewardship Networks: Baltimore, MD, USA*. Presented at the Urban Sustainability Research Coordination Network's Urban Governance Workshop, Baltimore, MD, 10/2013.
- *Understanding and Engaging Stewardship in Los Angeles*. Presented to the Lion's Club

## The Value of Urban Parkland: A Park User Survey Study of the Baldwin Hills

- Venice/LAX/Marina del Ray Chapter, Los Angeles, CA, 7/2013.
- *Now We Know; Where Do We Go? From Data to Management of Baltimore's Stewardship Network*. Presented at the Baltimore Urban Waters Federal Partnership Quarterly Meeting, Baltimore, MD, 3/2013.
  - *Preliminary Results of the Baltimore City Stewardship Mapping & Assessment Project (Stew-MAP)*. Invited speaker at the Parks & People Foundation Board Meeting, Baltimore, MD, 1/2013.
  - *Governance of 21<sup>st</sup> Century Cities: Examining Baltimore's Stewardship Network*. Presented at the Baltimore Ecosystem Study LTER Annual Meeting, Baltimore, MD. 10/2012.
  - *Environmental Networks & Governance of the 21st Century Sustainable City*. Invited lecture for Georgetown University's "On the Edge: Urban Sustainability" lecture series, Washington, DC. 3/2012.
  - *An Evaluation of Environmental Stewardship Networks in Baltimore and Seattle*. Presented as part of the paper session "Connections among Environmental Stewardship and Land Cover in Urban Ecosystems" at the American Association of Geographers Annual Meeting, New York, NY. 2/2012.
  - *Understanding Urban Environmental Stewardship: Introducing the Baltimore City Stewardship Mapping and Assessment Project*. Presented at the Third Maryland Streams Symposium and Mid-Atlantic Volunteer Monitoring Conference, Westminster, MD. 8/2011.
  - *From Sanitary to Sustainable Cities: An emerging role and reevaluation of environmental governance and polycentric networks in cities*. Presentation as part of a panel session, "An 'All Lands, All Owners' Approach: Urban Sustainability, Governance Theory, and Polycentric Networks" at the Resilience 2011 Conference, Tempe, AZ. 3/2011.
  - *Urban systems and resilience to climate change: A comparison of environmental governance networks in Baltimore and Seattle*. Invited speaker at the National Science Foundation's LTER Mini-Symposium, Washington, DC. 3/2011.
  - *Polycentric networks and resilience in urban systems*. Presented as part of the organized oral session "Mechanisms of resilience in ecological and socio-ecological systems" at the 95th Ecological Society of America Annual Meeting, Pittsburgh, PA. 8/2010.
  - *A Study and Comparison of Natural Resource Stewardship Networks in Baltimore and Seattle*. Presented at the Baltimore Ecosystem Study LTER Annual Meeting, Baltimore, MD. 10/2009.
  - Posters presented at the 2012 and 2009 LTER All Scientists Meetings in Estes Park, CO; 2010 NYC Million Trees Symposium in New York, NY; and the 2009 University of Vermont "Engaged Scholars" Conference in Burlington, VT.





# Friends of Ballona Wetlands

[www.ballonafriends.org](http://www.ballonafriends.org)

July 15, 2014

David McNeill, Executive Director  
Baldwin Hills Conservancy  
5120 Goldleaf Circle, Suite 290  
Los Angeles, CA 90056

Dear David,

Please accept this letter of support from Friends of Ballona Wetlands for the grant proposal entitled: the Value of Urban Parkland: A Park User Survey Study of the Baldwin Hills as submitted by the Loyola Marymount University Center for Urban Resilience (LMU).

Through this park study, our collective organizations will gain critical understanding of park usage from the perspective of park visitors and combine this social scientific insight with a thorough understanding of the social, ecological and environmental significance of Baldwin Hills.

Once collected, the information should provide insight for parklands management and development. As the demand for parks in urban areas increases, the State seeks to address recreation opportunities for underserved communities, by providing public access and entry ways, increasing connectivity amongst communities and existing parks, trails and urban streams, protecting urban watersheds and urban water quality, and providing support for "Park to Playa" which will create a comprehensive trail system from the Crenshaw community to the coast. As the go-to organization whose mission for the past 36 years has been to champion the restoration and protection of the Ballona Wetlands, involving and educating the public as advocates and stewards, Friends of Ballona Wetlands support projects like this that increase awareness of the Ballona Watershed – especially Ballona's connection to the Baldwin Hills area.

As State Parks carries its Parks Forward initiative into the coming years, we will continue to learn and benefit from a better understanding of the people we serve. The partnership with the Baldwin Hills Conservancy and area stakeholders remains a critical component of our strategic objectives. This project will help solidify our collective efforts and serve as a guide during the ongoing expansion of parkland in the Baldwin Hills.

## **Board of Directors**

Andrew Henderson, President  
Steve Hirai, Vice President  
Dr. David Kay, Secretary  
John Gregory, Treasurer  
Ruth Lansford, Founder  
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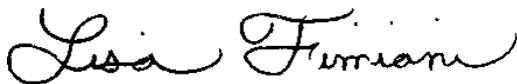
Tim Rudnick  
Bob Shanman  
Ed Tarvyd

Friends of Ballona Wetlands ([www.ballonafriends.org](http://www.ballonafriends.org)) is a non-profit 501(c)(3) membership organization with over 9,000 individuals participating in our education and restoration programs each year. With the help of more than 80,000 volunteers who've participated in habitat restoration efforts over the past twenty years, we have successfully brought back eight acres of dunes habitat, now home to a burgeoning population of the rare El Segundo Blue butterfly. We also represent the single largest group of stakeholders interested in the Ballona Wetlands and we've been at it the longest, having filed the first lawsuit to stop all development in the Wetlands back in the 80s. Friends was also instrumental in protecting the Ballona Wetlands from development through designation of the wetlands as a State Ecological Reserve.

We have partnered with LMU on joint education programs in the Ballona Wetlands for over thirty years, engaging professors and students alike in many collaborative initiatives that have taken place in the Freshwater and Saltwater Marshes, including Ballona Discovery Park, an open-air museum and cultural exhibit that opened in 2012 in the community of Playa Vista. This Park is rich with history of the area and the Ballona Watershed, and as a project of the Friends, LMU and the developer, Playa Vista, it epitomizes LMU's commitment to engage in community initiatives that further the public's knowledge and understanding of complex issues.

LMU's application warrants sincere consideration and I urge the Conservancy to support this project.

Sincerely,

A handwritten signature in cursive script that reads "Lisa Fimiani".

Lisa Fimiani  
Executive Director

P.O. BOX 13336  
LOS ANGELES, CA 90013



(888) 301-2527  
santamoncabay.org

David McNeill, Executive Director  
Baldwin Hills Conservancy  
5120 Goldleaf Circle, Suite 290  
Los Angeles, CA 90056

14 July 2014

Dear Mr. McNeill,

Please accept this letter of support from The Bay Foundation for the grant proposal entitled: "The Value of Urban Parkland: A Park User Survey Study of the Baldwin Hills" as submitted by the Loyola Marymount University Center for Urban Resilience (LMU).

The Baldwin Hills Park Master Plan, a report describing long-term development for the BHC territory, calls for management and development of BH parklands to enhance the lives of the urban residents and park users, while protecting the urban wildlife and natural habitat of the BH ecosystem, including the intricate connections of the parklands to Santa Monica Bay and the Pacific Ocean. Through this park study, LMU will gain critical understanding of park usage from the perspective of park visitors and combine this social scientific insight with a thorough understanding of the social, ecological and environmental significance of Baldwin Hills. Once collected, the information should provide insight for parklands management and development. As the demand for parks in urban areas increases, the State seeks to address recreation opportunities for underserved communities, by providing public access and entry ways, increasing connectivity amongst communities and existing parks, trails and urban streams, protecting urban watersheds and urban water quality, and providing support for Park to Playa which will create a comprehensive trail system from the Crenshaw community to the coast.

The Bay Foundation's (TBF) mission is to restore and enhance the Santa Monica Bay and its surrounding watershed through actions and partnerships that improve water quality, conserve and rehabilitate natural resources, and protect the Bay's benefits and values for humans. As one of the Environmental Protection Agency's National Estuary Programs, TBF has developed a Bay Restoration Plan to guide progress on meeting the mission and organizational goals. LMU's project meets several milestones regarding open space and benefits to humans, specifically through science-based land management planning, and we are very supportive of their project.

The TBF is a 501(c) 3 non-profit environmental group founded in 1990 to restore and enhance the Santa Monica Bay (from the LA-Ventura county line to the Palos Verdes Peninsula) and local coastal waters. The Foundation is the non-profit partner of the Santa Monica Bay Restoration Commission, raising and expending funds for research, education, planning, cleanup efforts and other priorities identified in the Bay Restoration Plan. As advocates for the Bay, TBF works collaboratively with a broad

#### OUR MISSION:

*To restore and enhance the Santa Monica Bay  
through actions and partnerships that improve water quality,  
conserve and rehabilitate natural resources, and protect the bay's benefits and values.*



group of stakeholders, including government agencies, industry, environmental groups, and scientists, to implement innovative policies and projects that clean up the waterways, create green spaces and natural habitats in the Los Angeles region. TBF also conducts research and mentors student intern and volunteers through its Center for Santa Monica Bay Studies at Loyola Marymount University <http://www.santamonica-bay.org>.

LMU's application warrants sincere consideration and I urge the Conservancy to support this project.

Sincerely,

A handwritten signature in blue ink, appearing to read "T Ford", is written over a light blue circular watermark that matches the The Bay Foundation logo.

Tom Ford  
Executive Director  
The Bay Foundation

**OUR MISSION:**

*To restore and enhance the Santa Monica Bay  
through actions and partnerships that improve water quality,  
conserve and rehabilitate natural resources, and protect the bay's benefits and values.*



DEPARTMENT OF PARKS AND RECREATION  
Angeles District  
1925 Las Virgenes Road  
Calabasas, CA 91302

Lisa Ann L. Mangat, Acting Director

July 14, 2014

David McNeill, Executive Director  
Baldwin Hills Conservancy  
5120 Goldleaf Circle, Suite 290  
Los Angeles, CA 90056

Dear David,

Please accept this letter of support for the grant proposal entitled: the Value of Urban Parkland: A Park User Survey Study of the Baldwin Hills as submitted by the Loyola Marymount University Center for Urban Resilience (LMU).

Through this park study, our collective agencies will gain critical understanding of park usage from the perspective of park visitors and combine this social scientific insight with a thorough understanding of the social, ecological and environmental significance of Baldwin Hills. Once collected, the information should provide insight for parklands management and development. As the demand for parks in urban areas increases, the State seeks to address recreation opportunities for underserved communities, by providing public access and entry ways, increasing connectivity amongst communities and existing parks, trails and urban streams, protecting urban watersheds and urban water quality, and providing support for Park to Playa which will create a comprehensive trail system from the Crenshaw community to the coast.

As State Parks carries its Parks Forward initiative into the coming years, we will continue to learn and benefit from a better understanding of the people we serve. The partnership with the Baldwin Hills Conservancy and area stakeholders remains a critical component of our strategic objectives. This project will help solidify our collective efforts and serve as a guide during the ongoing expansion of parkland in the Baldwin Hills.

LMU's application warrants sincere consideration and I urge the Conservancy to support this project.

Sincerely,

Craig Sap  
Angeles District Superintendent  
California State Parks

## The Value of Urban Parkland: A Park User Survey Study of the Baldwin Hills

### APPENDIX:

#### OVERVIEW OF DATA COLLECTION

<b>Study Phase</b>	<b>Timeline</b>	<b>Sample Size</b>	<b>Data Collection</b>
Pilot	August, 2014	250 total (approx. 42 surveys per site)	In-person surveys
Comprehensive	January, 2015 to July, 2017	6,000 total (250 surveys semiannually at each of 6 locations)	In-person surveys Electronic surveys Census data

Urban Parkland Survey Development

	Survey items	Methods Previously Used	References	Justification for Use in Urban Parkland Study
<b>PILOT STUDY</b>	User counts	Researcher observation	(Cohen, Sehgal, & Williamson, 2006; Giles-Corti et al., 2005)	<ul style="list-style-type: none"> <li>• Determines the level of usage of the site and seasonal variations.</li> <li>• Provides justification for continued or increased funding.</li> </ul>
	Frequency of use	Survey interviews of children and their parent/s	(Cohen, et al., 2006)	<ul style="list-style-type: none"> <li>• Determines if visitors use and return to the park and at what rate.</li> </ul>
	User demographics <sup>1</sup>	Survey interviews	(Furuseth & Altman, 1991) (Cohen, et al., 2006)	<ul style="list-style-type: none"> <li>• Provides detailed characteristic of users to best meet needs by tailoring or enhancing park facilities and features</li> <li>• Allows assessment of issues of diversity and equity in park/green space services.</li> </ul>
		Researcher observations for age and sex	(Giles-Corti, et al., 2005)	
	Accessibility <sup>2</sup>	GIS modeling using distance and attractiveness, environmental scans, and survey interviews	(Giles-Corti, et al., 2005) (Cohen, et al., 2006)	<ul style="list-style-type: none"> <li>• Allows evaluation of the ease of accessing the site by users.</li> <li>• Allows evaluation of equitable provision of public green space throughout Culver City and neighboring cities.</li> </ul>
		GIS modeling using census and mapping data	(Nicholls, 2001)	
		GIS modeling using distance and census data	(Lindsey, Maraj, & Kuan, 2001)	

<sup>1</sup> User demographics may include: age, sex, marital status, family composition, residence, race, ethnicity, language, religious affiliation/background, and career/professional background.

<sup>2</sup> Accessibility will include both (i) physical accessibility or convenience and (ii) social accessibility or equity.

	Activities	Postage mail-delivered survey questionnaires based on census-informed sample identification	(Sasidharan, et al., 2005)	<ul style="list-style-type: none"> <li>• Determines users' motivation for visiting the park, as well as the services (e.g. health, social) the site provides.</li> <li>• Allows identification of highly popular sites which has implications for improvement, expansions, and funding.</li> </ul>
		Researcher observations	(Cohen, et al., 2006; Giles-Corti, et al., 2005)	
	Health and disposition <sup>3</sup>	Survey interviews of children and their parent/s	(Cohen, et al., 2006)	<ul style="list-style-type: none"> <li>• Determines if the park appeals to or provides services to users ranging in terms of physical health, mental well-being, and activity level.</li> </ul>
<b>COMP. STUDY</b>	User satisfaction	Recruited volunteers in person for follow-up mail-based survey; Weeklong seasonal data collection during summer, fall, and winter/spring	(Noe & Uysal, 1997)	<ul style="list-style-type: none"> <li>• Determines if visitors use and return to the park by choice or are limited in their options.</li> </ul>
	User diversity (in activity usage)	Postage mail-delivered survey questionnaires based on census-informed sample identification	(Sasidharan, And, & Godbey, 2005)	<ul style="list-style-type: none"> <li>• Allows assessment of diversity in park usage and equity in park services</li> </ul>
	Knowledge or awareness of park	Telephone surveys and GIS modeling of park site	(Reed, Ainsworth, Wilson, Mixon, & Cook, 2004)	<ul style="list-style-type: none"> <li>• Determines potential park underuse as a result of a lack of awareness by city or county residents.</li> <li>• Also determines if the park is intentionally unused by residents.</li> </ul>

<sup>3</sup> Health and disposition will include physique, physical health, mood, and activity level of users.

	Attachment, value or sentiment	Survey interviews administered throughout site, across days and times	(Moore & Scott, 2003)	<ul style="list-style-type: none"> <li>Influences frequency of use and repeated use, user commitment to specific activities or to the entire site in general, user affiliation with the entire park site specifically or the larger setting in general</li> </ul>
	Personal safety	Survey interviews	(Cohen, et al., 2006)	<ul style="list-style-type: none"> <li>Identifies potential perceived or actualized deterrents to use</li> <li>Identifies potential contributors to user dissatisfaction.</li> </ul>
		Environmental scans by college students for perceived security and scenic quality	(Schroeder & Anderson, 1984)	
	Crowding	Unknown (likely survey)	(Shelby, Heberlein, Vaske, & Alfano, 1983) (Arnberger & Brandenburg, 2007)	<ul style="list-style-type: none"> <li>Identifies potential perceived or actualized deterrents to use.</li> <li>Identifies potential contributors to user dissatisfaction.</li> </ul>
	User group conflict <sup>4</sup>	Unknown (likely survey)	(Ramthun, 1995)	<ul style="list-style-type: none"> <li>Identifies potential perceived or actualized deterrents to use.</li> <li>Identifies potential contributors to user dissatisfaction.</li> </ul>
	Staff evaluations	Survey interviews of children and their parent/s	(Cohen, et al., 2006)	<ul style="list-style-type: none"> <li>Determines if users are aware of, utilize, or are satisfied with park staff.</li> </ul>

<sup>4</sup> Users may differ based on socioeconomic or cultural factors or park activity.

## References

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**BALDWIN HILLS CONSERVANCY (BHC)**

**RESOLUTION 14-06**

**RESOLUTION AUTHORIZING A MATCHING GRANT IN AN AMOUNT NOT TO EXCEED \$237,000 OF BHC PROP 84 FUNDS TO LOYOLA MARYMOUNT UNIVERSITY FOR A PARK USER SURVEY STUDY AND ANALYSIS IN THE BALDWIN HILLS TERRITORY**

WHEREAS, under Division 22.7 of the California Public Resources Code, the Baldwin Hills Conservancy was created to acquire open space and manage public lands within the Baldwin Hills area and to provide recreation, restoration and protection of wildlife habitat within the Conservancy territory; and

WHEREAS, Public Resources Code 32569 (a) states the Conservancy may award grants to non-profit organizations for the purposes of its division; and

WHEREAS, Loyola Marymount University is a non-profit organization under section 501 (c) (3) of the Internal Revenue Code; and

WHEREAS, Loyola Marymount University's Center for Urban Resilience has a mission to empower communities to build resilient, vibrant, and just cities through meaningful interactions with their ecosystems by providing hands-on educational opportunities and engagement in the transformation of neighborhoods; and

WHEREAS, Loyola Marymount University has submitted an application for local assistance in the amount of \$236,042 to conduct a three year survey and analysis of park users in the Baldwin Hills; and

WHEREAS, the data collected by the survey will provide information for future allocation of resources, environmental education, improved public access and overall long term planning in the region; and

WHEREAS, the grant application has been reviewed by staff and board members and found to be consistent with the funding source and grant requirements adopted by the BHC under resolution 10-06; and

WHEREAS, pursuant to Public Resources Code 32565.5 (b) the Baldwin Hills Conservancy shall give priority to related projects that create expanded opportunities that provide recreation, aesthetic improvement, and wildlife habitat in the Baldwin Hills area; and

WHEREAS, pursuant to Public Resources Code 75060, funds from the Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Bond Act of 2006 are available for projects in the Baldwin Hills and Ballona Creek Watershed to promote access to and enjoyment of the coastal resources of the State; and to prevent contamination and degradation of coastal waters and watersheds; and

WHEREAS, as under Public Resources Code 15333 this action is exempt from the environmental impact requirements of the California Environmental Quality Act (CEQA); now

**THEREFORE BE IT RESOLVED, THE BALDWIN HILLS CONSERVANCY GOVERNING BOARD:**

1. AUTHORIZES A GRANT IN AN AMOUNT NOT TO EXCEED \$237,000 OF BHC PROP 84 FUNDS TO LOYOLA MARYMOUNT UNIVERSITY FOR THE PARK USER SURVEY STUDY OF THE BALDWIN HILLS TERRITORY
2. ADOPTS THE STAFF REPORT AND RECOMMENDATIONS DATED JULY 25, 2014 FOR THIS ITEM
3. APPOINTS THE EXECUTIVE OFFICER, AS AGENT TO CONDUCT ALL NEGOTIATIONS, EXECUTE AND SUBMIT ALL DOCUMENTS INCLUDING, BUT NOT LIMITED TO AGREEMENTS, PAYMENT REQUESTS, AND CERTIFICATIONS WHICH MAY BE NECESSARY FOR THE COMPLETION OF THE AFOREMENTIONED PROJECT(S)

Passed and Adopted by the Board of the  
BALDWIN HILLS CONSERVANCY

on \_\_\_\_\_, 2014.

\_\_\_\_\_  
Starlett Quarles  
Chair

ATTEST: \_\_\_\_\_  
Christina Bull Arndt  
Deputy Attorney General

## **BALDWIN HILLS CONSERVANCY**

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### **Memorandum**

**To: Governing Board**

**Fr: David McNeill, Executive Officer**

**Date: July 25, 2014**

**Re: Item 8: Executive Officer Report**

#### **Projects Status Report**

Please see the updated BHC Local Assistance / Capital Outlay Projects Status Report (attachment #1).

#### **Fiscal Update**

Please see BHC Summary Expenditure Sheet by Fund (attachment #2) and the BHC Prop 40 & Prop 84 Bond Cash Funds (attachment #3). The reports correspond with the end of month twelve (12) of the 2013-14 fiscal year.

**Baldwin Hills Conservancy**  
**Local Assistance / Capital Outlay Projects Status Report**  
**7/25/14**

<b>Capital Outlay Grantee/Administrator</b>	<b>Project Title</b>	<b>ContractID</b>	<b>Fund Source</b>	<b>Funds Allocated</b>	<b>PROJECT STATUS</b>
City of Los Angeles	Outdoor Improvements at Norman O. Houston Park (Phase II)	BHC11002	Prop 40	\$1,800,000	<b>Project completion expected July 2014; Opening ceremony probable date now September 19, 2014.</b>
California Dept. of Toxic Substance Control (DTSC)	Environmental Monitoring and Soil Management Plan Implementation	BHC11004	Prop 40	\$465,000	<b>DTSC will continue to monitor Soil Management Plan on upcoming construction projects.</b>
Mountains Recreation and Conservation Authority (MRCA)	Milton Street Park Construction	BHC12000	Prop 84	\$2,000,000	<b>Permitting still in-progress; currently out to bid early 2014.</b>
Mountains Recreation and Conservation Authority (MRCA)	Park to Playa Trail - Stocker Corridor Section	BHC12004	Prop 40	\$1,030,000	<b>Construction documents in review; obtaining permits in Summer 2014; Second round of advertising and bids in-process.</b>
Los Angeles County Dept. of Parks & Recreation	Stoneview Nature Center	BHC12002	Prop 40	\$5,000,000	<b>Bids for both site-demolition and a design-build contractor rec'd in May; evaluation of bids in July.</b>

Capital Outlay Grantee/Administrator	Project Title	ContractID	Fund Source	Funds Allocated	PROJECT STATUS
City of Culver City	Hetzler Road Pedestrian Path at BHSO	BHC13003	Prop 84	\$791,000	<b>Timeline pushed back 4 mos. to avoid rainy season; out to bid Dec. 2014; start construction Mar. 2015; estimated completion Aug. 2015.</b>
University of California (USC)	Baldwin Hills Biota Update	BHC13003	Prop 84	\$140,794	<b>Wildlife surveys underway at KHSRA, Stocker Corridor, Culver City Park and Ballona Creek; Access contract for Inglewood Hills Property in development.</b>

<u>As of 6/30/2014</u>	<u>PCA #</u>	<u>Remaining Appropriation</u>	<u>EXP + ENC</u>	<u>BALANCE</u>
<b>ELPF - #0140, Support</b>				
2013 Budget Act Item 3835-001-0140	10001	\$ 360,824.00	\$ 338,652.86	\$ 22,171.14
<b>Prop 40 - #6029, Support</b>				
2013 Budget Act Item 3835-001-6029	10005	\$ 115,000.00	\$ 91,462.99	\$ 23,537.01
<b>Prop 84 - #6051, Support</b>				
2013 Budget Act Item 3835-001-6051	10009	\$ 101,000.00	\$ -	\$ 101,000.00
<b>Total Support Balance:</b>				<b>\$ 146,708.15</b>
<b>Prop 40 - #6029, Capital Outlay</b>				
2005 Budget Act Item 3835-301-6029	20003	\$ 8,648,000.00	\$ 2,975,288.19	\$ 5,672,711.81
2004 Budget Act Item 3835-301-6029	20002	\$ 7,200,000.00	\$ 3,794,725.06	\$ 3,405,274.94
2003 Budget Act Item 3835-301-6029	20001	\$ 7,200,000.00	\$ 5,199,999.11	\$ 2,000,000.89
2002 Budget Act Item 3835-301-6029	22000	\$ 15,000,000.00	\$ 14,473,955.70	\$ 526,044.30
<b>Total Prop 40 Cap Outlay Balance:</b>				<b>\$ 11,604,031.94</b>
<b>Prop 84 - #6051, Capital Outlay</b>				
2009 Budget Act Item 3835-301-6051	30002	\$ 3,050,000.00	\$ 756,723.26	\$ 2,293,276.74
2008 Budget Act Item 3835-301-6051	30001	\$ 3,050,000.00	\$ 931,794.00	\$ 2,118,206.00
2007 Budget Act Item 3835-301-6051	30000	\$ 3,050,000.00	\$ 2,000,000.00	\$ 1,050,000.00
<b>Total Prop 84 Cap Outlay Balance:</b>				<b>\$ 5,461,482.74</b>

## BOND CASH FUNDS

As of 7/21/2014

2010 SPRING BAB SALE		CASH ALLOCATED	EXPENDITURES	BALANCE
	PROP 40:	\$579,277.00	579,277.00	\$0.00
	PROP 84:	\$829,272.44	829,272.44	\$0.00
2010 DECEMBER BAB SALE				
	PROP 40:	\$603,452.18	380,954.00	\$222,498.18
2010 DECEMBER TE SALE				
	PROP 40:	\$60,547.82	0.00	\$60,547.82
2010 SPRING TE SALE				
	PROP 40:	\$2,815,869.68	2,120,131.00	\$695,738.68
	PROP 84:	\$1,095,534.16	0.00	\$1,095,534.16
2009 OCTOBER TE SALE				
	PROP 40:	\$782,332.87	749,282.33	\$33,050.54
	PROP 84:	\$197,000.00	80,808.17	\$116,191.83
2009 MARCH SALE				
	PROP 40:	\$901,961.01	901,961.01	\$0.00
<b>Total Available Bond Cash:</b>				<b>\$ 2,223,561.21</b>