

LMU|LA Center for Urban Resilience

Mr. John Nachbar
City Manager
City of Culver City
9770 Culver Blvd.
Culver City, CA 90232

October 8, 2018

Draft Proposal Culver City Coyote (*Canis latrans*) Study & Management Program

Dear Mr. Nachbar,

Thank you for the opportunity to submit a draft proposal for your consideration. We very much enjoyed meeting you and your team on September 26th and are eager to collaborate on this project that helps to enhance your existing coyote management initiative. We understand the complex nature of funding these types of projects and are presenting this proposal and budget as a draft for additional consideration. As per our conversation, I have removed the University Overhead Charges (38.5%) as you have reported that the City does not typically pay overhead. In addition, we are able to provide partial services now and seek additional funding collaboratively. The Year One work is relatively inexpensive and the results of these first elements can inform the plan for future work. Below please find the amended proposal.

Introduction

Long-term wildlife management solutions are most effective when informed by an integrated methodology that is based on site-specific biophysical animal data plus educational outreach and social surveys within the target community. The Loyola Marymount University Center for Urban Resilience (CUREs) has been pioneering in its integrated approach to wildlife management through the use of a consortium of professional wildlife scientists, social scientists and educational experts.

Drs. Eric G. Strauss , Peter J. Auger and Michele Romolini have several decades of experience assessing and mitigating coyote/human management issues in New England and cities in the Los Angeles area. Dr. Auger has also served as the Director of Education for the Narragansett Bay Coyote Study (<http://theconservationagency.org/narragansett-bay-coyote-study/>) which has been radio tracking coyotes in Rhode Island since 2004 and is considered one of the most scientifically articulate and respected long-term coyote management programs in the United States. Most recently, Dr. Auger has been developing a new cellphone-based GPS radio tracking collar in collaboration with the University of Rhode Island and LMU engineering departments.

Project Overview

The proposed three to five-year study will focus in the first year on a review and assessment of existing data relating to coyote distribution and activity that has already been recovered by city wildlife management professionals. This assessment will be augmented through additional data recovery using game camera analysis and the assessment of coyote dietary components through scat analysis. Preliminary site selection and pre-baiting for potential coyote capture and fitting of radio-telemetry collars and/or remote sensing technologies installation will also be conducted during the first year of the study.

Concurrent with the collection of biophysical coyote data during the first year will be the initiation of project activities directed towards human social factors affecting coyote management. These activities will include key informant interviews, initial neighborhood educational initiatives and the identification and recruitment of key teachers working at community schools.

Proposed total cost for the first year of these project activities will be \$65,000.00.

Year two of the proposed study will focus on remote tracking of target study site coyotes. A domestic cat field study component of the project will also be implemented at and around coyote activity and trapping sites. In addition to continuing certain social science initiatives initiated during year one, school curriculum development tasks will be initiated, and a stakeholder survey will be developed based on information gathered in year one. Field research activities associated with the baiting, trapping and mapping of target coyotes will require labor-intensive on-site field activities in addition to equipment purchases.

Proposed total cost for year two project activities will be \$78,00.00.

Year three of the proposed study will include the continuation and finalization of field game camera analysis, coyote radio telemetry/remote sensing data collection and analysis, plus completion of the domestic cat study. The stakeholder surveyed will be implemented, and all other components of the human social factor sections of the study will be finalized. The results of the study will be analyzed and discussed in a comprehensive final study report, which will contain specific coyote management recommendations for present and predicted coyote/human interactions. Proposed total cost for the third (final) year of project activities will be \$78,000.00.

Project Task Timeline:

Research Elements	Year 1	Year 2	Year 3		Total
Biophysical (Coyote Behavior)					
Site Assessment	X				
Game Camera Analysis	X	X	X		
Dietary Study	X	X			
Remote Sensing Study		X	X		
Cat Study		X	X		
Human Social Factors					
Key Informant Interviews	X				
Stakeholder Surveys		X	X		
Informal Education Initiative	X	X	X		
Curriculum in Schools		X	X		
Key Teachers Engagement	X	X	X		
Yearly Cost	\$65,000	\$78,000	\$78,000		
Total Cost					\$211,000

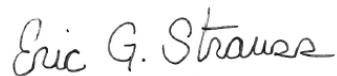
Project Cost

The total proposed cost of the three-year coyote management program is:

Year 1:	65,000.00
Year 2:	78,000.00
Year 3:	78,000.00
3-Year Total Cost:	211,000.00

The figures quoted above are general. The scope and extent of the study are, of course, subject to the needs and resources of Culver City. We are eager to collaborate with you on a timeline and support scale to meet your present needs and future expectations. We look forward to meeting with you and considering specific aspects of these options. After which, we can develop a formal proposal through our Office of Sponsored Programs and provide resumes, etc. for your consideration and action.

Sincerely,



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<https://academics.lmu.edu/cures/>