

BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors in the order listed on Form Page 2.
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Diaz-Toro, Elba C.		POSITION TITLE	
eRA COMMONS USER NAME elbadiaz		Professor	
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR (s)	FIELD OF STUDY
University of Puerto Rico-Rio Piedras Campus School of Dental Medicine, U. Puerto Rico- Medical Science Campus	B.S.	1989	General Sciences
School of Dental Medicine, U. Puerto Rico- Medical Science Campus	D.M.D.	1993	Doctor in Dental Medicine
School of Dental Medicine, U. Puerto Rico- Medical Science Campus	Specialty Residency	1995	Prosthodontist Certificate
Mayo Nicotine Dependence Clinic, University of Minnesota	T.T.S.	2005	Tobacco Treatment Specialist Certificate
M. D. Anderson Cancer Center, University of Texas	Post-Doc Observanceship	2006	Oncology Dentistry Certificate
School of Dental Medicine, U. Puerto Rico- Medical Science Campus	M.S.D	2009	Master in Dental Sciences- Prosthodontist
Graduate School of Public Health, U. Puerto Rico-Medical Science Campus	M.P.H.	2010	Master in Public Health

Personal Statement: The goal of the proposed research pilot project will be to assess the feasibility of adding a quitline counseling component to clinical practice guidelines-based brief intervention counseling provided by medical staff to integrate cessation treatment into cancer care delivery; and estimate the effect size of the combined brief intervention counseling and quitline (BIC+) compared to brief intervention counseling alone (BIC) on abstinence at 3 and 6 month follow-ups. This proposed pilot will help to extend and tailoring tobacco cessation treatments for cancer patients who smoke after cancer diagnosis. Data from this trial will be used to support larger scale clinical trials evaluating quitline delivered smoking cessation treatments for Hispanic cancer patients. As Co- leader from the PR site, I will be responsible for refining the study, IRB approval in PR, provide educational materials cultural sensitive to the patients, trainings and supervise of the staff, assessors and counselors, supervise and implement all clinical trial procedures (Recruitment, Screening, Treatment Delivery, Follow-Up, etc.). Evaluate and produce data and the dissemination of study results. During the past years, as a co-leader and co-investigator on several previous university- and inside NIH-funded collaboration grants, I have establish a solid groundwork for tobacco control interventions and oral cancer early detection and screening. The proposed research will help me in developing knowledge and techniques in behavioral research and its analysis. As part of my career development the last two years I received research training and experiences in behavior modification (smoking and alcohol control), head and neck cancer disease management; cancer control policy; community-based participatory research and collaborative approaches to health promotion research, community assets and resources; and system change for health professionals clinical practices. Therefore, the current application builds a logical step in my career. The convenient combination of my clinical and public health academic background and clinical experiences prepared me to fill this unique niche in cancer prevention and control where disparities, population sciences, and clinical aspects meet to affect public health among underserved or vulnerable segments of the population. I will participate as a Co-leader in this project and I will be in charge of the conception, design, execution, analysis and peer-reviewed publications of the clinical aspects of the study, together with my Co-investigators and Co-leader and mentor Dr. Jan Blalock, I strongly believe that we will excel in the execution of the research study aims.

B. Positions and Awards.

Positions

July 2012	Accepted presented proposal for Full Professor Restorative Sciences Department, UPR SDM
February 2012-present	Executive Board Member Puerto Rican Lungs Association
September 2010-present	Chair Puerto Rico Cancer Control Coalition
May 2009- Present	Steering Committee National Latino Tobacco Control Network
September 2008-present	Executive Board Member American Cancer Society-PR Chapter
September 2008-present	Researcher PR Comprehensive Cancer Center, UPR
July 2006-July 2012	Associate Professor Restorative Sciences Department, UPR SDM
2004-2010	Director Center for the Prevention of Tobacco and Oral Cancer CPTOP, UPR SDM
2005-2006	Chair Prevention and Education Committee, Antitobacco Coalition of PR
2006-present	Chair Tobacco Treatment Committee, Antitobacco Coalition of PR
2003-2004	Associate Director, CPTOC, UPR-SDM
1999-2002	Dental Clinic Director, Juvenile Detention Center, Ramsay Youth Services, Bayamón, PR
1993-2006	Dental Clinic Director, San Juan County, PR
1995-present	Prosthodontist, Private Practice
1986- 1989	Laboratory Technician and Researcher, University of PR Chemistry Dept., PR.
1988-1990	Chemist in Analysis of Fermentation Broth, Eli Lilly Industries Inc. Carolina, PR

Awards

2012	Leadership Award- National Latino Tobacco Control Network
2012	Pierre Fouchard Academy Fellow- International Honor Dental Organization
2010	First Prize Blue Ribbon Poster Award. TRenD Conference, Bethesda Maryland
2006	Distinguished Faculty of the School of Dental Medicine
2006	Award for the Contribution to the Prevention of Pulmonary Diseases in PR by the PR Lung Assoc. Due to the Smoke Free Workplaces PR law creation and implementation-March 2006
2006	Award for Public Health Contribution from the PR Department of Health, Secretary of Health Due to the Smoke Free Workplaces PR law creation and implementation-March 2006
2006	“Contribution to the Community Health with the Heart”, Award American Heart Association of PR Due to the Smoke Free Workplaces PR law creation and implementation-March 2006

C. Selected Peer-reviewed Publications

1. Ortiz, A.P., **Díaz-Toro, EC.**, Characteristics of smokers accessing the Puerto Rico Quitline (PRQ) PR Health Sci J 27(3): 213–219 2008. ISSN/ISBN:0738-0658; 0738-0658, PMID: 18782965, PMC2763363
2. Suárez E, Calo WA, Hernández EY, **Díaz EC**, Figueroa NR, Ortiz AP. Age-standardized incidence and mortality rates of oral and pharyngeal cancer in Puerto Rico and among Non-Hispanics Whites, Non-Hispanic Blacks, and Hispanics in the USA. BMC Cancer. 2009; 9: 129. ISSN/ISBN: 1471-2407; 1471-2407, PMID: 19400958, PMC2684121
3. Marin HA, **Díaz-Toro EC**. The effect of the smoke-free workplace policy in the exposure to secondhand smoke in restaurants, pubs, and discos in san Juan, Puerto Rico. P.R. Health Sci.J. 2010 Sep; 29(3):279-285. ISSN/ISBN:0738-0658; 0738-0658, PMID: 20799516.
4. Marin, HA., **Díaz-Toro, EC** Reduced exposure to environmental tobacco smoke at casinos in Puerto Rico after the implementation of a workplace smoking ban in 2007: a pre-post design. PR Health Sci J. 2011 Dec;30(4):182-7PMID:22263298
5. Calo WA, Rivera M, **Díaz E**, Correa-Fernández V, Mazas C, Pattatucci A, Wetter DW, Fernandez ME. Assessing Awareness and Use of Evidence-based Programs for Cancer Control in Puerto Rico. J Cancer Educ 2012 April; DOI 10.1007/s13187-012-0348-x
6. **Díaz-Toro, EC**, Fernandez ME, Correa-Fernández V, Calo WA, Mazas C, Wetter DW. Promoting tobacco cessation through community outreach partnerships. Submitted the revision version to *Progress in Community Health Partnerships: Research Education and Action Journal* in January 2013.
7. **Díaz-Toro, EC**, Marin, HA., Toro CE, Elias-Boneta A. Positive Effects of a Poloxamine 15% solution in reduction of stains, soft and hard debris accumulation in Complete dentures: A randomized assignment of treatment, triple-blind, placebo controlled clinical trial. Submitted the revision version to Puerto Rico Health Science Journal in February 2013.

D. Research Support

Ongoing Research Support

1. **U54 CA096300-06A1 PRCC/MDACC Partnership (Frontera/Lopez/Cordero/Tortolero-Luna) 25%**
10/01/2008- 12/31/2013 **\$1,250,000.00**

Community Outreach Project for Cancer Control (U-54)

Project Goals: (1) Develop key collaborations among the UPR, MDACC, and PR health organizations involved in cancer control for future research collaborations (2) conduct a collaborative outreach program.

(PI: Díaz/Fernandez/Pattatuchi)

Role: Principal Investigator

2. **U54 CA096300-06A1 PRCC/MDACC Partnership (Frontera/Lopez/Cordero/Tortolero-Luna) 25%**
10/01/2008- 09/31/2011 **\$500,000.00**

Oral Cancer Risk Reduction through Combined Treatment for Tobacco and Alcohol Use Pilot Project

(PI: Díaz/Wetter)

Role: Principal Investigator

Selected Completed Research Support

3. Law of Trust of the Children's- PR Governmental Bank (Diaz EC, PI) 60%
04//2002 – 03//2005- **\$1,500,000.00**
03/2006 – 03/2007 - **\$76,319.00**

Center for the Prevention and Control of Tobacco Use and the Early Detection of Oral Cancer (CPTOC)
Purpose: Create the Center for the Prevention and Control of Tobacco Use and the Early Detection of Oral Cancer in the UPRSDM to develop an evidence-based Program; Community Education Program for Children and Adolescents in Selected Schools of PR, health practitioners and develop a research center of tobacco and other drugs.
Role: Principal Investigator/ Program Director

4. U54 CA96297 PRCC/MDACC Partnership (Lopez/Carlo) 20%
04/01/2006-07/31/2008 **\$ 250,000.00**

Increasing the Utilization of the Puerto Rico Quitline through Outreach
The purpose was to increase the utilization of smoking cessation quitlines in PR (PRQ) and develop key collaborations among UPR, M.D. Anderson Cancer Center (MDACC), and Puerto Rican health organizations involved in tobacco control (PR Tobacco coalition etc.)
(PI: Diaz-Toro EC/Wetter D)
Role: Principal Investigator

5. U54 CA96297PRCC/MDACC Partnership 20%
06/01/2006-07/31/2008 **\$150,000.00**

Oral Cancer Risk Reduction through Combined Treatment for Tobacco and Alcohol Use Pilot Project
The goal of this project was to evaluate the effectiveness of telephone counseling for smokers who also use alcohol in decreasing their risk of oral cancer.
(PI: Diaz-Toro EC/Wetter D)
Role: Principal Investigator

6. G12RR03051 (Carlo J, PI) 08/01/2005-07/01/2006 \$ 5,000.00

RCMI Program: New Investigator Start Up Funds
The goal of this project was to provide supplementary funding to the faculty who wants to start exploring the possibility became an investigator at the UPR/MSU.
Role: Junior Investigator