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President

HEALTH COMMISSION

Sonia E. Melara, MSW
Vice President

CITY AND COUNTY OF SAN FRANCISCO
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Commissioner

Department of Public Health

James M. Illig
Commissioner

Barbara A. Garcia, MPA
Director of Health

Margine A. Sako
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Commissioner

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MINUTES

HEALTH COMMISSION MEETING

Tuesday, June 21, 2011, 4:00 p.m.

101 GROVE STREET, ROOM 300 or ROOM 302
San Francisco, CA 94102

1) CALL TO ORDER

Present: Commissioner Steven Tierney, Ed.D., President
Commissioner Sonia E. Melara, Vice President
Commissioner Edward A. Chow, M.D.
Commissioner James Illig
Commissioner Margine Sako
Commissioner David J. Sanchez
Commissioner Catherine Waters

The meeting was called to order at 4:04pm.

2) APPROVAL OF THE MINUTES OF THE HEALTH COMMISSION MEETING OF JUNE 7, 2011.

Action Taken: The minutes of the June 7, 2011 Health Commission meeting were unanimously approved.

3) DIRECTOR'S REPORT

Barbara A. Garcia, Director of Health presented the report which is a current overview of the state of public health in San Francisco. The report can be viewed at:

<http://www.sfdph.org/dph/comupg/aboutdph/insideDept/dirRpts/default.asp>

HHS Secretary Sebelius and House Democratic Leader Pelosi Visit SFGH

San Francisco General Hospital and Trauma Center (SFGH) was honored to host a visit by Health and Human Services (HHS) Secretary Kathleen Sebelius and House Democratic Leader Nancy Pelosi on June 10th. The visit focused on innovative efforts that the hospital is undertaking to improve patient safety and quality of care. The event is the sixth in a series of hospital visits around the country Secretary Sebelius is making to highlight models of excellence as a part of the new HHS Partnership for Patients initiative, <http://www.healthcare.gov/news/factsheets/partnership04122011a.html>.

New Deputy Director and Director of Policy & Planning

I am very pleased to announce that I have appointed Colleen Chawla as the new Director of Policy & Planning and Deputy Director of Health. Ms. Chawla has been Acting Director of Policy & Planning since January 1 and brings a solid history of public policy work and analytical skills to her new position. Ms. Chawla first joined the Department in 1999, working in Policy & Planning as a planner and then as Assistant Director. She left briefly to work in state government relations in the biotechnology industry, then returned to DPH in March, 2010 to take a leadership position in the Department as we move towards Health Reform. I have already come to rely on her experience, judgment and hard work during my transition period as Director of Health and look forward to continuing to work with her in her newly-appointed position.

SFGH Announces New Chief Medical Officer

Sue Currin, CEO for San Francisco General Hospital, has announced the appointment of Todd A. May, M.D., FAAFP, as the new Chief Medical Officer at San Francisco General Hospital & Trauma Center. Dr. May will began his new responsibilities on June 16, 2011.

Department of Justice Signs Off on Laguna Honda

The U.S. Department of Justice terminated its 15 year oversight of Laguna Honda on June 13. In a letter to city officials, federal investigators acknowledged that San Francisco has "taken creative and somewhat extraordinary steps to expand residential and other service capacity in the community so as to provide meaningful alternatives in integrated settings for a host of persons who live, had lived, or might live" at Laguna Honda. The investigators also recognized the city's commitment to continued progress and thanked officials at the Department of Public Health and Laguna Honda for their "dedication, hard work, and cooperation."

State Inspectors Visit LHH

State inspectors arrived at Laguna Honda Hospital on Tuesday, June 14 to conduct their annual survey of the skilled nursing portion of the hospital. The exit conference is scheduled for late afternoon on Friday, June 17th. I will update the Commissioners at the Health Commission meeting on Tuesday with the State's findings. This survey is the shortest survey visit for the past 10 years and is reflective of the extraordinary progress that Laguna Honda has made.

Beilenson Hearing

The Board of Supervisors held a Beilenson Hearing on Tuesday, June 14, as required by the CA Health and Safety Code, Section 1442.5, when the City proposes to eliminate and/or reduce health care services to the indigent population. The proposed reductions to health services for fiscal year 2011-12 were \$3.4 million in savings through reductions of unmatched general fund dollars, primarily in Community Programs for substance abuse and mental health services, including stabilization beds. Members of the public testified for over three hours about the impact of the budget to themselves, their programs and the community at large. Both Gregg Sass and I attended the hearing. As the Commissioners have directed this Department in responding to reductions in programs and staff, we will do everything we can to minimize the impact on our most vulnerable residents.

HIV Prevention Section Wins \$2.4 Million Grant

The HIV Prevention Section has been awarded a \$2.4 million, 5-year grant from the National Institutes of Health to determine if naltrexone, a medication used to treat alcohol abuse, is also an effective treatment for methamphetamine dependence. Because methamphetamine is a driver of HIV infections in San Francisco, the study will also determine if naltrexone use is associated with declines in HIV risk.

CA EPA Gives Kudos to Haz Mat Green Programs and Website

The California Environmental Protection Agency recently completed a technical audit of the Environmental Health Section's Hazardous Materials and Waste Program. The audit report included two examples of outstanding program implementation including the Program's web site and its "Green" Programs. The report describes the web site as "user-friendly and well-maintained" and cites examples of compliance guidelines, links and downloadable forms that facilitate compliance by the regulated community. The "Green" Programs include pollution prevention, "Clean and Green" and "Green Business" Certification. The audit report specifically commended the Program's efforts to educate businesses in ways to avoid or reduce the use of toxic chemicals in an effort to decrease health-related hazards while promoting environmental health. Through these efforts, the report concludes, ".....businesses save money, improve employee wellness and productivity and enjoy a marketing edge over competition."

Safer Pest Management Planned for Public Housing Complexes

The SF Asthma Task Force is working with the SF Housing Authority to pilot a safer, more effective integrated pest management program at the Sunnydale Family Development and Velasco Senior Housing, both of which have had endemic cockroach infestations requiring pest treatments in an estimated 20 units per week. Environment Now workers, a program of SF Dept. of the Environment, will be conducting outreach this month to tell residents about the program and the upcoming inspections that will identify and eliminate pest entry points. Karen Cohn, Program Manager of DPH Children's Environmental Promotion Program, reported on this pilot program at the American Industrial Hygiene Conference in May, where a US HUD representative gave his full support to the integrated pest management project, which is US HUD's recommended policy for all housing authorities.

Green Cleaning Makes its Way into SFUSD

The SF Asthma Task Force has received support from SF Board of Education member, Jill Wynns, to introduce a Resolution on June 28th in support of green cleaning policy implementation through SFUSD operations. If adopted, SFUSD's Facilities & Maintenance, Custodial Services, Student Nutrition Services, Early Education Program and Special Education Programs would transition to 100% approved green cleaning products and use of unapproved products will be terminated by May 2013. The Resolution also establishes a Green Cleaning Oversight Committee with representation from the SFUSD's programs, SF Asthma Task Force, Labor and parents.

Balboa Teen Health Gets Grant for Dental Varnishes

The Balboa Teen Health Center has been awarded a \$15,000 grant by the National Assembly of School Based Health Care (NASBHC) to provide dental varnishes to youth attending Balboa High School. Balboa Teen Health Center (BTHC) will be sending its nurse practitioner, Natalee Ernstrom, and health educator, Marcia Zorrilla, to Chicago at the end of June to attend a NASBHC- funded training on oral prevention services, including instruction on applying the varnishes. BTHC routinely identifies students in need of dental care, and this grant will allow us to offer at least one preventive measure to a minimum of 150 students over the course of the 2011-12 school year.

Female Condom 2 Update

The Commissioners will recall that the STD Prevention & Control and HIV Prevention sections kicked off the Female Condom 2 (FC2) campaign earlier this year on Valentine's Day.

<http://www.sfdph.org/dph/files/newsMediadocs/2010PR/FC2v2.pdf> . To date, almost 7,000 FC2s have been distributed with newly-designed instruction sheets for both vaginal and anal sex. The FC2 is currently being promoted and distributed free of charge throughout the City though the "Get Turned On

To It" FC2 campaign by appealing to young women, MSM and the transgender population that reflect local STD/HIV morbidity. San Francisco is the only FC2 site in the country promoting the FC2 for use by MSM and transgenders.

Family Mosaic Project Receives Quality Award

Congratulations to the Family Mosaic Project for receiving the Medi-Cal Managed Care *Special Acknowledgement Quality Award* from the CA Department of Health Care Services. The award recognized the Family Mosaic Project for its outstanding contribution to Quality Improvement through innovation in establishing customized performance measures and Quality Improvement projects relevant to the plan's special population of children and adolescents.

Founder's Day Luncheon Awardees

A number of SFGH staff were recognized at the UCSF Founders Day Luncheon for their extraordinary contributions to advancing the mission of education, research and patient care. I know the Commissioners join me in congratulating all of these outstanding employees and thank them for the dedicated service.

DPH -Library Social Work Model Featured in Library Journal

From time to time, model programs that we begin in San Francisco become popular topics to write about. Here is the latest feature from the June 15, 2011 issue of *Library Journal*.

http://www.libraryjournal.com/lj/ljinprintcurrentissue/890752-403/the_problem_is_not_the.html.csp

**COMMUNITY HEALTH NETWORK
SAN FRANCISCO GENERAL HOSPITAL & TRAUMA CENTER**

JUNE 2011

**Health Commission - Director of Health Report
(06/13/2011 CLIN-MEC)**

	06/11	07/10 to 06/11
New Appointments	8	158
Reinstatements	0	3
Reappointments	54	522
Delinquencies:	0	0
Reappointment Denials:	0	0
Resigned/Retired:	15	153
Disciplinary Actions	0	0
Restriction/Limitation-Privileges	0	0
Deceased	0	1
Changes in Privileges		
Additions	7	85
Voluntary Relinquishments	15	183
Proctorship Completed	13	180
Proctorship Extension	0	1

Current Statistics – as of 05/23/2011		
Active Staff	483	
Courtesy Staff	567	
Affiliated Professionals (non-physicians)	240	
TOTAL MEMBERS	1,290	

Applications in Process	86
Applications Withdrawn Month of JUNE 2011	0
SFGH Reappointments in Process 07/2011 to 09/2011	151

LAGUNA HONDA HOSPITAL AND REHABILITATION CENTER

June 2011

Health Commission - Director of Health Report

(June 9, 2011 Medical Exec Committee)

	06/11	01/11 to 6/11
New Appointments	5	10
Reinstatements	0	0
Reappointments	1	19
Delinquencies:	0	0
Reappointment Denials:	0	0
Resigned/Retired:	1	6
Disciplinary Actions	0	0
Restriction/Limitation-Privileges	0	0
Deceased	0	0
Changes in Privileges		
Additions		
Voluntary Relinquishments		
Proctorship Completed	2	2
Proctorship Extension		

Current Statistics – as of 6/7/2011

Active Medical Staff	90
Courtesy Medical Staff	1
Affiliated Professionals (non-physicians)	2
Applicants	7
TOTAL MEMBERS	100

Commissioner Illig asked for clarification on a statement in the LHH DOJ letter, “For example, it is notable that every person who resides at LHH now is deemed appropriate for community living if provided with adequate protections, services, and supports...” He asked whether everyone at LHH is “community ready.” Mike Llewellyn, LHH Chief Operating Officer, stated that statement in the DOJ letter may have referred to the approximate 840 LHH residents who were transferred to independent living

placements that included wrap-around services. He also stated that every three months, residents are reassessed for independent living.

Commissioner Chow commended the LHH staff for all its work over the past 15 years to improve the lives of its residents.

4) GENERAL PUBLIC COMMENT

There was no general public comment.

5) COMMUNITY AND PUBLIC HEALTH COMMITTEE

Commissioner Margine Sako, Chair, gave the Committee update. She stated that the Committee heard a presentation on electronic cigarettes which is a relatively new unregulated nicotine product on the market which has been marketed towards a teen audience. Because the electronic cigarette looks just like a tobacco cigarette, the use of this product in non-smoking areas gives cues to others that smoking is tolerated in these areas. The Committee reviewed, discussed, and approved a draft resolution to come before the full Commission for consideration. The Committee also asked DPH to come back with a draft resolution encouraging state and federal regulators to consider including these and other unregulated nicotine products not used for smoking cessation under tobacco product rules.

Commissioner Chow stated that he is in full support of the theme of the resolution but questioned the wording in the first "Resolve" statement which states, "Prohibit the use of electronic cigarettes and other nicotine delivery devices not approved by the FDA as smoking cessation aids in those places where smoking is prohibited by law." Dr. Aragon, DPH Health Officer, stated that these products have not been tested or approved as a smoking cessation device. He stated that he will revise the language of the statement to clarify the issue.

Action Taken: The resolution was unanimously approved with the understanding that the language would be slightly revised. (Please see Attachment A for final resolution)

Commissioner Sako stated the Committee also heard a presentation on the Program Collaboration and Service Integration, a DPH project which synthesizes HIV, TB, STD and Hepatitis data from over 80 separate databases. Commissioner Sako stated that the project will allow for more effective delivery of services through increased efficiency of data coordination. The issue will come before the full Commission at a later time when there are more results to report.

6) HEALTH CARE SERVICE MASTER PLAN UPDATE

Colleen Chawla, Deputy Director of Health and Director of Policy and Planning, gave the presentation.

Commissioner Comments/Follow-Up:

Commissioner Illig asked how broadly defined are health care services in the context of the Master Plan. Ms. Chawla stated that health services include services provided by licensed stated practitioners with the exception of massage, which is excluded. In addition, the ordinance specifies that projects have to meet size benchmarks to trigger an assessment.

Commissioner Illig asked if supportive housing is included under the Master Plan. Ms. Chawla answered that supportive housing is included in the Master Plan.

Commissioner Illig made a request that the Health Commission conduct a hearing to review and discuss the Master Plan before scheduling a joint meeting between the Health and Planning Commissions.

Commissioner Melara stated that she did not see the San Francisco Report Card listed in the planning process. Ms. Chawla stated that the Report Card is part of the process.

Commissioner Sanchez asked for clarification on the function of the consultant Harder and Company in this process. Ms. Chawla stated that Harder and Company is an existing DPH contractor that will be assisting with the facilitation and technical assistance during the development process of the Master Plan. Ms. Garcia stated that the DPH is using existing funds derived from savings to pay for these consultants to work with DPH and experts in the field that Dr. Aragon has pulled to work on this project.

Commissioner Sako asked if there will be an Environmental Impact Report (EIR) done as part of this process. Ms. Chawla stated that initially there was not anticipation that the Master Plan would trigger an EIR. However, it has been determined that an EIR will be necessary because the Master Plan will include recommendations for land use in San Francisco. The Planning Department is currently unsure of the source of funding for the EIR.

Commissioner Chow reminded the Commissioners that when Supervisor Campos addressed the Commission in regard to passage of a resolution supporting the Master Plan, he stated that if necessary, he would find money to develop an EIR for the Master Plan.

Commissioner Chow requested that the process allow all communities to have an opportunity to give input prior to DPH writing recommendations for the Master Plan. Ms. Garcia stated that the process has been designed to enable all communities in San Francisco to participate in the process. Ms. Chawla stated that in addition to the community meetings scheduled, she will add an input form on the DPH website which adds another option for community input.

Roma Guy, Co-Chair of the Health Care Services Master Plan Taskforce, thanked the Commissioners and the DPH for the invitation to be part of this challenging and exciting project. She stated that she hopes the group will develop something that will show opportunities and challenges.

7) COMMUNITY TRANSFORMATION GRANT

Tomas Aragon M.D., Health Officer and Colleen Chawla, Deputy Director of Health and Director of Policy and Planning, gave the presentation.

Commissioner Sako asked for an explanation of how current programs will interact with new programs funded by the grant. Dr. Aragon stated that the purpose of the grant is to build on existing programs to increase the effectiveness of the service system.

Commissioner Chow commended the DPH for its efforts on this exciting grant. He recommended that the Health Parity Coalition and the Health Disparity groups be included in the grant development process.

Commissioner Sanchez suggested that the UCSF Center for Vulnerable Populations be included in the grant development process.

8) OTHER BUSINESS

JOINT CONFERENCE COMMITTEE REPORTS

Commissioner Chow stated that the SFGH JCC heard an excellent presentation on the research efforts at SFGH and asked for it to be made to the full Commission on 7/19/11. It also heard a presentation on consumer satisfaction and discussed areas that may need improvement in comparison to other public hospitals. SFGH has developed a five-year plan to increase these satisfaction measures to 80%. The SFGH JCC also heard a presentation on Wellness Initiatives at SFGH for patients and staff.

Commissioner Sanchez stated that he and several other Commissioners attended the June 15 SFGH Medical Staff dinner which celebrated the excellent medical staff at SFGH.

COMMITTEE AGENDA SETTING

The Commission will not meet on July 5 or August 16 for either full or Committee meetings.

9) CLOSED SESSION

- A) Public comments on all matters pertaining to the closed session
- B) Vote on whether to hold a closed session (San Francisco Administrative Code Section 67.11)
- C) Closed session pursuant to Evidence Code Sections 1157(a) and (b); 1157.7; Health and Safety Code Section 1461; and California Constitution, Article I, Section 1

CALERO vs. CCSF, et al. (SF Superior Court No. 479969 & 497921)

LAGUNA HONDA HOSPITAL CREDENTIALING REPORT

**PUBLIC EMPLOYEE PERSONNEL ISSUES, DIRECTOR OF HEALTH,
BARBARA A.GARCIA**

- D) Reconvene in Open Session

Action Taken: The Commission approved the Laguna Honda Credentials Summary Report and voted not to disclose the discussion of other items from the closed session.

10) ADJOURNMENT

The meeting was adjourned at 6:26pm.

**Health Commission
City and County of San Francisco
Resolution No. 7-11**

**Endorsing the San Francisco Department of Public Health Proposal
to Regulate Electronic Cigarettes**

WHEREAS, the United States Food and Drug Administration (FDA) has not yet issued any regulations regarding electronic cigarettes, also called e-cigarettes, and these products are available for purchase in this city; and

WHEREAS, the U.S. Court of Appeals for the D.C. Circuit recently issued a decision that e-cigarettes and other products "made or derived from tobacco" can be regulated as "tobacco products" under the Federal Food, Drug, and Cosmetic Act, but that these products cannot be regulated as drugs/devices unless they are marketed for therapeutic purposes; and

WHEREAS, electronic cigarette manufacturers and retailers are making unproven health claims about their products by asserting that they are safe or safer than traditional cigarettes and that they can be used as an aid to smoking cessation; and

WHEREAS, the FDA has warned the public about the potential health risks of using electronic cigarettes;ⁱ and

WHEREAS, initial FDA studies found that electronic cigarettes contain known carcinogens;ⁱⁱ and

WHEREAS, the FDA issued a statement on April 25, 2011ⁱⁱⁱ that it intends to propose a regulation that would extend the Agency's "tobacco product" authority under the Family Smoking Prevention and Tobacco Control Act to other categories of tobacco products that meet the statutory definition of "tobacco product" under the Act; and

WHEREAS, electronic cigarette packages do not supply any warnings about possible adverse effects on health comparable to FDA-approved nicotine replacement products or conventional cigarettes;^{iv} and

WHEREAS, there is no scientific evidence that electronic cigarettes can help smokers to quit smoking; and

WHEREAS, the World Health Association does not consider electronic cigarettes to be a legitimate therapy for smokers trying to quit tobacco;^v and

WHEREAS, FDA studies found that certain electronic cigarettes misrepresent nicotine content on their labels and sometimes contain far more nicotine than FDA-approved smoking cessation products;^{vi} and

WHEREAS, FDA studies found that certain electronic cigarettes emitted a markedly different amount of nicotine with each puff;^{vii} and

WHEREAS, the Surgeon General has found that the chemical nicotine is a powerful pharmacologic agent that acts in the brain and throughout the body and is highly addictive;^{viii} and

WHEREAS, withdrawal symptoms from nicotine include cognitive and attention defects, cravings, inability to sleep, and sleep disturbance;^{ix} and

WHEREAS, use of nicotine may cause or contribute to cardiovascular disease, complications of hypertension, reproductive disorders, cancer, and gastrointestinal disorders, including peptic ulcer disease and gastro esophageal reflux;^x and

WHEREAS, electronic cigarettes may not be legally sold to minors in California;^{xi} and

WHEREAS, some electronic cigarette producers market their product to children by flavoring their products with candy, fruit, and other flavors popular with children; and

WHEREAS, the FDA has raised concerns that electronic cigarettes, including but not limited to flavored electronic cigarettes, can increase nicotine addiction among young people and may lead youth to try conventional tobacco products;^{xii} and

WHEREAS, according to the 2009 San Francisco Unified School District High School Youth Risk Behavior Survey,^{xiii} 10.4% of San Francisco high school students reported current cigarette use; according to the 2009 California Health Interview Survey,^{xiv} 11.9% of San Francisco adults were current smokers, and according to the 2008 California Adult Tobacco Survey, 17.6% of California adults 18-24 years of age were current smokers;^{xv} and

WHEREAS, there is no evidence that the vapors released into the air through the use of an electronic cigarette do not present a danger to others who breathe them; and

WHEREAS, electronic cigarettes' resemblance to conventional cigarettes has caused the San Francisco Airport Health and Safety Office and Department of Public Health Secondhand Smoke Prevention and Enforcement Program to observe that the use of electronic cigarettes in places where smoking is prohibited increases the likelihood that people will break the law by lighting up cigarettes because they see what appears to be someone smoking, undermining compliance with existing smoking regulations; and

WHEREAS, the use of an electronic cigarette in public is virtually indistinguishable from the use of traditional tobacco products in public, prompting confusion and concern by the owners of establishments seeking to comply with the City's laws prohibiting smoking in certain locations; and

WHEREAS, the Department of Transportation^{xvi} has banned the use of electronic cigarettes on U.S. carrier and foreign carrier flights in scheduled intrastate, interstate, and foreign air transportation; and

WHEREAS, on April 5, 2011 the San Francisco Airport Commission amended its Rules and Regulations^{xvii} regarding smoking to include a ban on the use of electronic cigarettes due to the problems associated with electronic cigarette use in public outlined above; and

WHEREAS, the American Cancer Society Cancer Action Network, American Heart Association, Campaign for Tobacco Free Kids, and American Lung Association support including electronic cigarettes in smoke-free laws;^{xviii} and

WHEREAS, electronic cigarettes have been banned in indoor public places and workplaces by King County (Seattle), Washington, New Jersey and Suffolk County, New York while electronic cigarette sales have been banned throughout Canada; now therefore be it

RESOLVED, that the Health Commission endorses the policies proposed by the San Francisco Department of Public Health to

1. Prohibit the use of electronic cigarettes (and other nicotine delivery devices not approved by the FDA as smoking cessation aids) in those areas where smoking is prohibited by the San Francisco Health Code.
2. Require a tobacco permit for the sale or furnishing of electronic cigarettes and other nicotine delivery devices not approved by the FDA as smoking cessation aids.

FURTHER RESOLVED, that the Health Commission forwards this resolution to the San Francisco Board of Supervisors.

I hereby certify that the San Francisco Health Commission at its meeting of June 21, 2011 adopted the foregoing resolution.

Mark Morewitz
Executive Secretary to the Health Commission

ⁱ FDA and Public Health Experts Warn about Electronic Cigarettes (July 22, 2009), available at www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm173222.htm.

ⁱⁱ Summary of Results: Laboratory Analysis of Electronic Cigarettes Conducted by FDA (July 22, 2009), available at www.fda.gov/NewsEvents/PublicHealthFocus/ucm173146.htm.

ⁱⁱⁱ FDA Letter to Stakeholders: Regulation of E Cigarettes and Other Tobacco Products (April 25, 2011), available at: <http://www.fda.gov/NewsEvents/PublicHealthFocus/ucm252360.htm>

^{iv} FDA and Public Health Experts Warn About Electronic Cigarettes (July 22, 2009), available at www.fda.gov/NewsEvents/Newsroom/PressAnnouncements/ucm173222.htm.

^v World Health Organization, Press Release, “Marketers of electronic cigarettes should halt unproved therapy claims” (September 19, 2008), available at www.who.int/mediacentre/news/releases/2008/pr34/en/index.html.

^{vi} Summary of Results: Laboratory Analysis of Electronic Cigarettes Conducted by FDA (July 22, 2009), available at www.fda.gov/NewsEvents/PublicHealthFocus/ucm173146.htm.

^{vii} Summary of Results: Laboratory Analysis of Electronic Cigarettes Conducted by FDA (July 22, 2009), available at www.fda.gov/NewsEvents/PublicHealthFocus/ucm173146.htm.

^{viii} The Health Consequences of Smoking: Nicotine Addiction, a report of the Surgeon General (1988), available at http://profiles.nlm.nih.gov/NN/B/B/Z/D/_nnbbzd.pdf.

^{ix} The Health Consequences of Smoking: Nicotine Addiction, a report of the Surgeon General (1988), available at http://profiles.nlm.nih.gov/NN/B/B/Z/D/_nnbbzd.pdf.

^x The Health Consequences of Smoking: Nicotine Addiction, a report of the Surgeon General (1988), available at http://profiles.nlm.nih.gov/NN/B/B/Z/D/_nnbbzd.pdf.

^{xi} California Health & Safety Code section 119405.

^{xii} Consumer Update: E-Cigarettes: Questions and Answers, available at: www.fda.gov/ForConsumers/ConsumerUpdates/ucm225210.htm.

^{xiii} High School Youth Risk Behavior & Resiliency Results, Key Indicators from the 2009 Youth Risk Behavior & California Healthy Kids Survey, available at:

<http://healthiersf.org/Resources/docs/HS%20YRBS%20Booklet%202009%20Final.pdf>

^{xiv} 2009 California Health Interview Survey Results, available at:

http://www.chis.ucla.edu/main/DQ3/output.asp?_rn=0.8509485

^{xv} Adult Smoking Prevalence, California Department of Public Health, California Tobacco Control Program, available at: http://www.cdph.ca.gov/programs/tobacco/Documents/CTCPAdultSmoking_10.pdf

^{xvi} Questions for the Record provided by Susan Kurland Assistant Secretary for Aviation and International Affairs, U.S. Department of Transportation, following a June 17, 2010 hearing before the Senate Committee on Commerce, Science and Transportation.

^{xvii} Rules and Regulations San Francisco International Airport amended April 5, 2011. Issued by: The Airport Commission, City and County of San Francisco.

^{xviii} Policy Guidance Document Regarding E-Cigarettes, American Cancer Society Cancer Action Network, American Heart Association, Campaign for Tobacco Free Kids, and American Lung Association, April 9, 2010.