

#### SPECIAL AND REGULAR MEETING MINUTES

Date: 4/9/2019
Time: 5:00 p.m.
City Council Chambers

701 Laurel St., Menlo Park, CA 94025

### 5:00 p.m. Special Business – Planning Commissioner Interviews (City Hall – "Downtown" Conference Room, 1st Floor)

**SP1.** Interviews of Planning Commission applicants

(Note: No action will be taken at this meeting. Appointments are scheduled for the April 16, 2019, City Council meeting.)

The City Council interviewed four applicants for two open vacancies on the Planning Commission.

#### 6:30 p.m. Closed Session (City Hall – "Downtown" Conference Room, 1st Floor)

**CL1.** Closed session conference with labor negotiators pursuant to Government Code §54957.6 regarding Menlo Park Police Sergeants Association (PSA)

Attendees: City Attorney Bill McClure, Administrative Services Director Lenka Diaz, Labor Attorney Charles Sakai

#### 7:00 p.m. Regular Session (City Council Chambers)

#### A. Call to Order

Mayor Mueller called the meeting to order at 7:10 p.m.

#### B. Roll Call

Present: Carlton, Combs, Nash, Taylor, Mueller

Absent: None

Staff: City Manager Starla Jerome-Robinson, City Attorney Bill McClure, City Clerk

Judi A. Herren

#### C. Pledge of Allegiance

Mayor Mueller led the Pledge of Allegiance.

Mayor Mueller announced the April 16 City Council meeting will be held at the Senior Center, 100 Terminal Avenue.

#### D. Presentations and Proclamations

D1. Certificates of recognition: Menlo School girl's basketball championship

Mayor Mueller read the certificate and Coach Paye and players accepted (Attachment).

D2. Proclamation: Proclaiming the Week of April 8-12, 2019 as the Week of the Young Child

Mayor Mueller read the proclamation and Child Care Teachers at Menlo Child Care Shirell Minor and Rosanna Acosta, and Child Care Teacher at Belle Haven Child Development Center Yezenia Guzman accepted (Attachment).

D3. Proclamation: Recognizing April 26, 2019 as Arbor Day

Mayor Mueller read the proclamation and Environmental Quality Commission Chair Scott Marshall accepted (Attachment).

### E. Report out of Closed Session

None.

#### F. Public Comment

Wynn Grcich spoke in opposition of Senate Bill 276 and Assembly Bill 967 (Attachment).

#### G. Commission/Committee Report

#### G1. Housing Commission update

Housing Commissioner Meg McGraw-Scherer made the presentation (Attachment).

The City Council expressed gratitude for the work of the Commission. City Councilmember Carlton also requested the smoking ban in multiunit housing and the coordination with all partners regarding chronic homelessness be brought before the Commission.

G2. Parks and Recreation Commission update (Attachment)

Park and Recreation Commission Chair Jennifer Johnson made the presentation.

The City Council thanked the Commission for all their work and progress and expressed enthusiasm for the inclusion policy.

G3. Finance and Audit Committee report (Attachment)

Finance and Audit Committee member Ron Shepherd made the presentation (Attachment).

The City Council thanked the Commission for all their work. Mayor Mueller confirmed that any action requested by the Commission would need to be brought to the City Council as an action item. Finance and Audit Committee (FAC) member Soody Tronson received clarification that, as part of the Information Technology master plan, the concerns with online transparency are being addressed.

• Lynne Bramlett commented that she attends FAC meetings and reads reports and spoke of the need of more transparency, especially with larger reports (e.g., comprehensive annual financial report). Bramlett suggested a budget process with more public notice and time for public review

and comment. Bramlett also mentioned concerns regarding legal requirements for a debt management policy.

G4. Environmental Quality Commission update

Environmental Quality Commission Chair Scott Marshall made the presentation.

The City Council expressed thanks to the Commission and confirmed that Scott Marshall will continue to serve on the Heritage Tree Task Force.

#### H. Consent Calendar

H1. Accept the City Council meeting minutes for March 5, March 12, and March 26, 2019 (Attachment)

City Councilmember Carlton received confirmation that the March 12 minutes were updated showing City Council discussion on item F3, Second reading and adoption of Ordinance No. 1053 to add residential tenant relocation assistance requirement and discussion of establishing a community housing fund to assist lower income tenants (Staff Report #19-046-CC).

- H2. Approve Environmental Quality Commission two-year work plan goals for years 2019-2021 (Staff Report #19-062-CC)
- H3. Adopt Resolution No. 6491 approving the list of projects eligible for fiscal year 2019-20 funds from Senate Bill 1: The Road Repair and Accountability Act of 2017 (Staff Report #19-057-CC)

The City Council received clarification that the funds come from one source. They also were informed other utility companies are only responsible for repairing trenches and not entire streets after the completion of their work. City Councilmember Carlton requested that cost sharing be discussed with the other utilities. Mayor Mueller confirmed that Middle Avenue, although not included in this list, was scheduled in the summer 2019 overlay project.

H4. Amending the agreement with Infrastructure Engineering Corporation for the Emergency Water Supply Well No. 1 project located at the City's corporation yard (Staff Report #19-056-CC)

City Councilmember Carlton received clarification that the number of electric vehicle chargers was not final but the electricity was installed.

**ACTION**: Motion and second (Carlton/Taylor) to approve the consent calendar, passed unanimously.

### I. Public Hearing

11. Consider an appeal of the Planning Commission approval of a use permit revision to update the use of the existing Phillips Brooks School at 2245 Avy Avenue, adding an annual summer enrichment program to the regular operation of the school and increasing the employee cap from 58 to 68 employees year-round (Staff Report #19-059-CC) (Attachment)

City Councilmember Carlton exited the chambers and was recused due to the proximity of her residence to the site.

City Councilmember Combs exited the chambers and was recused due to his serving on the

Planning Commission during the initial hearing.

Associate Planner Matthew Pruter made the presentation (Attachment).

The City Council received clarification that with three City Councilmembers able to vote, three affirmative votes were required to overturn or modify the approval of the Planning Commission.

Appellant Thomas Warden made the presentation (Attachment).

Mayor Mueller requested that Mr. Warden consider physical characteristics that could be included to improve his situation (e.g., light shades, parking signs, and designated ADA parking).

Applicant Scott Erickson representing Phillips Brooks School made the presentation.

Rise Krag spoke about the increased traffic on Avy Avenue and Altschul Avenue.

Mayor Mueller commented that Avy Avenue and Altschul Avenue are included in the Safe Routes to School plan.

Mayor Mueller received confirmation that there was jackhammering at the site on Thanksgiving 2017. Mr. Erickson explained the measures taken that all future vendors are very familiar with the Menlo Park noise ordinance. The City Council were informed that there were no summer programs scheduled for the weekends, and even though was program is open to more than just current students, the cap would remain at 120 total students.

**ACTION**: Motion and second (Nash/Taylor) to deny the appeal and uphold the Planning Commission's decision including modifications of installation of light shades and a no right turn sign, passed 3-0-0-2 (Combs and Carlton recused).

#### J. Regular Business

J1. Review overall effectiveness of existing red light photo enforcement program and authorize the city manager to execute a five-year agreement not-to-exceed \$234,000 annually with Redflex Traffic Systems, Inc. to continue the red light photo enforcement program (Staff Report #19-064-CC) (Attachment)

Chief Bertini and Commander Dixon made the presentation (Attachment).

- Maya Sewald spoke as a member of the Police Chief Advisory Committee and expressed support for the red light cameras as a safety measure.
- Soody Tronson expressed concern for the contract based on the October 2018 City Council
  discussions regarding corruption. Tronson also commented that a reduction in traffic collisions is
  not addressed in the report and stated the request for proposals period should have been longer.

The City Council received confirmation that the privacy policy and remainder of the current agreement was identical to the proposed agreement, with the exception of the decreased cost. The City Council discussed traffic collisions, citation (cost and percent administered), safety impacts, and the legal issues facing Redflex.

Ed Tiedje Director of US Client Services (Redflex) commented that the legal issues in Chicago 2013 were completely resolved and the Department of Justice has removed all restrictions. Tiedje also stated that the Ohio conflict was not a Redflex employee, but a lobbyist.

**NO ACTION:** Motion fails.

J2. Approval of bonus for City Attorney William L. McClure (Staff Report #19-063-CC)

City Attorney William L. McClure exited the chambers and was recused.

• Lynne Bramlett requested that McClure's institutional knowledge (e.g., private partnerships with the City) should be documented. Bramlett also suggested a bonus program for all level of employees with established criteria and allowing the staff and members of the public to nominate.

City Councilmember Carlton confirmed that McClure's pensionable wages were not affected by a bonus.

**ACTION**: Motion and second (Carlton/Combs) to approve a bonus for City Attorney William L. McClure, passed (4-0-1, Nash abstaining).

#### K. Informational Items

- K1. Phase II Scope of work for the heritage tree ordinance update (Staff Report #19-060-CC)
- K2. Update on agreement with Tim Sheeper, Inc. for operation of Belle Haven and Burgess pools (Staff Report #19-058-CC)
  - Lynne Bramlett expressed concern for the pool hours and in support of an audit on the aquatics program. Bramlett commented that the staff report did not reflect an audit and suggested the City investigate other options (Attachment).

The City Council discussed more public outreach and ways to promote the pool and Menlo Swim and Sport Center. The City Council received information the Belle Haven pool hours are being evaluated to ensure that they work for the community.

- K3. Update on the Middle Avenue pedestrian and bicycle rail crossing project (Staff Report #19-061-CC)
- K4. Quarterly City Council agenda topics: April to June 2019 (Staff Report #19-065-CC)

#### L. City Manager's Report

City Manager Starla Jerome-Robinson announced the April 16 City Council meeting will be held at the Senior Center, 100 Terminal Avenue.

#### M. Councilmember Reports

#### N. Adjournment

Mayor Muller adjourned the meeting at 10:27 p.m.

City Council Special Meeting Minutes April 9, 2019 Page 6 Judi A. Herren, City Clerk

These minutes were approved at the City Council meeting of April 16, 2019.

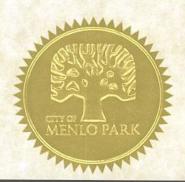
Presented to

## **Avery Lee**

In celebration of a remarkable and historic season, which is a testament to the players' exceptional athletic abilities and the wise leadership of the coaching staff. We thank you for the joy and inspiration you have given Menlo School and our broader community as part of the

# 2019 D-11 State Championship Menlo Knights Basketball Team

Presented this ninth day of April, 2019



Presented to

## **Bella Stuart**

In celebration of a remarkable and historic season, which is a testament to the players' exceptional athletic abilities and the wise leadership of the coaching staff. We thank you for the joy and inspiration you have given Menlo School and our broader community as part of the

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Presented to

## Cami Gorospe

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Presented to

## **Coco Layton**

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Presented to

## Danielle McNair

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Presented to

## Georgia Paye

In celebration of a remarkable and historic season, which is a testament to the players' exceptional athletic abilities and the wise leadership of the coaching staff. We thank you for the joy and inspiration you have given Menlo School and our broader community as part of the

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Presented to

## Jazlin Chen

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Presented this ninth day of April, 2019

CTYOT MENLO PARK

Presented to

## John Paye

In celebration of a remarkable and historic season, which is a testament to the players' exceptional athletic abilities and the wise leadership of the coaching staff. We thank you for the joy and inspiration you have given Menlo School and our broader community as part of the

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Presented this ninth day of April, 2019



Presented to

## Lauren Sun Mi Oh

In celebration of a remarkable and historic season, which is a testament to the players' exceptional athletic abilities and the wise leadership of the coaching staff. We thank you for the joy and inspiration you have given Menlo School and our broader community as part of the

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Presented to

## Maeia Makoni

In celebration of a remarkable and historic season, which is a testament to the players' exceptional athletic abilities and the wise leadership of the coaching staff. We thank you for the joy and inspiration you have given Menlo School and our broader community as part of the

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Presented to

### Marissa Li

In celebration of a remarkable and historic season, which is a testament to the players' exceptional athletic abilities and the wise leadership of the coaching staff. We thank you for the joy and inspiration you have given Menlo School and our broader community as part of the

### 2019 D-11 State Championship Menlo Knights Basketball Team

Presented this ninth day of April, 2019



Presented to

## Reena Kagan

In celebration of a remarkable and historic season, which is a testament to the players' exceptional athletic abilities and the wise leadership of the coaching staff. We thank you for the joy and inspiration you have given Menlo School and our broader community as part of the

### 2019 D-11 State Championship Menlo Knights Basketball Team

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Presented to

## **Sharon Nejad**

In celebration of a remarkable and historic season, which is a testament to the players' exceptional athletic abilities and the wise leadership of the coaching staff. We thank you for the joy and inspiration you have given Menlo School and our broader community as part of the

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Presented to

## Sylvie Venuto

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Presented this ninth day of April, 2019



Presented to

## **Tejal Gupta**

In celebration of a remarkable and historic season, which is a testament to the players' exceptional athletic abilities and the wise leadership of the coaching staff. We thank you for the joy and inspiration you have given Menlo School and our broader community as part of the

### 2019 D-11 State Championship Menlo Knights Basketball Team

Presented this ninth day of April, 2019

CITY OF ARK

Presented to

## Valentina Ross

In celebration of a remarkable and historic season, which is a testament to the players' exceptional athletic abilities and the wise leadership of the coaching staff. We thank you for the joy and inspiration you have given Menlo School and our broader community as part of the

# 2019 D-11 State Championship Menlo Knights Basketball Team

Presented this ninth day of April, 2019

CITYON MENLO PARK



### Week of the Young Child

April 8-12, 2019

WHEREAS, the City of Menlo Park, in conjunction with the California Association for the Education of Young Children (CAEYC) and National Association for the Education of Young Children (NAEYC), are celebrating the Week of the Young Child™, April 8-12, 2019; and

WHEREAS, these organizations are working to promote and inspire high quality early childhood experiences for our state's youngest citizens, that can provide a foundation of learning and success for children in Menlo Park, California; and

WHEREAS, teachers and others who work with or on behalf of young children birth through age eight, who make a difference in the lives of young children in Menlo Park deserve thanks and recognition; and

WHEREAS, public policies that support early learning for all young children are crucial to young children's futures and to the prosperity of our society

NOW THEREFORE, BE IT PROCLAIMED that I, Ray Mueller, Mayor of the City of Menlo Park, do hereby proclaim April 8-12, 2019 as the Week of the Young Child™ in Menlo Park, Ca and encourage all citizens to work to support and invest in early childhood in Menlo Park.

Ray Mueller, Mayor April 2019





### **NATIONAL ARBOR DAY 2019**

WHEREAS, National Arbor Day is observed on the last Friday of April each year by many states across the country for the community planting of trees; and

WHEREAS, the benefits of trees as part of a stable global environment are well recognized; and

WHEREAS, the special importance of trees in urban areas must be maintained to improve air quality, provide shade, prevent erosion of topsoil and sedimentation in waterways, maintain climatic balance, and decrease wind velocities; and

WHEREAS, the City of Menlo Park was historically forested by stands of oak, bay and other trees; and

WHEREAS, the preservation and planting of trees is necessary for the continued health and welfare of the citizens of this City in order to preserve the scenic beauty and historical value of trees; and

WHEREAS, the City of Menlo Park is well known for its numerous and beautiful trees which truly enhance the desirability of Menlo Park to live, work and play; and

WHEREAS, this is the 20<sup>th</sup> anniversary of City of Menlo Park being recognized as a member of the Arbor Day Foundation's "Tree City USA" group; and

WHEREAS, the planting of a tree with Mayor Mueller, Mayor Pro Tem Taylor, and Environmental Quality Commission Chair Marshall and Vice Chair Price symbolizes the strong relationship, values, and the historical significance of Menlo Park's trees.

**NOW, THEREFORE I,** Mayor Mueller, on behalf of the City Council of the City of Menlo Park, California, acknowledge the planting of a Columbia sycamore tree at the Boys and Girls Club at 401 Pierce Road on April 18, 2019 in recognition and celebration of National Arbor Day and affirm the City Council's commitment to protect and enhance Menlo Park's urban forest.



Ray Mueller, Mayor April 2019 City Council Special Meeting Minutes

IC SWALWELL April 9, 2019 ISTRICT, CALIFORNI/Page 25

**EMOCRATIC STEERING** DLICY COMMITTEE

RITUS, FUTURE FORUM

ASTRO VALLEY BLVD. VALLEY, CA 94546 110) 370-3322

House Office Building NGTON, DC 20515 02) 225-5065

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Congress of the United States House of Representatives

Washington, DC 20515

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COMMITTEE ON INTELLIGENCE

CHAIR, SUBCOMMITTEE ON INTELLIGENCE MODERNIZATION AND READINESS

SUBCOMMITTEE ON STRATEGIC TECHNOLOGIES AND ADVANCED RESEARCH

#### **COMMITTEE ON JUDICIARY**

SUBCOMMITTEE ON CONSTITUTION, CIVIL RIGHTS, AND CIVIL LIBERTIES

SUBCOMMITTEE ON COURTS, INTELLECTUAL PROPERTY, AND THE INTERNET

)19

 Pascual y, CA 94587-1545

Pascual,

1 for contacting me to express your concerns regarding California Assembly Bill (AB) 967. I preciate hearing from my constituents, and I am glad to receive your input on this important

ly know, AB 967 was signed into law by former Governor Jerry Brown. This law established a process effective January 1, 2020, for hydrolysis facilities or water cremation facilities to be ne disposal of human remains similar to fire cremation. Beginning. As a federal official, I do urisdiction over state legislation. To further pursue this issue, you may wish to contact your State Assembly member, Bill Quirk, who can be contacted at (510) 583-8818 or your State Senator, Bob Wieckowski, who can be contacted at (510) 794-3900.

ant to thank you for taking the time to share your views, and I certainly will keep them in it my website or contact my East Bay office at (510) 370-3322 if we can be of service in any tay connected, join me on Twitter @RepSwalwell, Facebook, and, if you have not done so ease sign-up on my website to receive my e-newsletter.

f Congress

zwedende

### DO YOU KNOW WHAT'S IN A VACCINE?

### NONE OF THESE SHOULD BE INJECTED INTO YOUR BODY

#### Aluminum

Known to cause brain damage at all doses, linked to ALZHEIMER'S DISEASE, dementia, seizures, autoimmune issues, SIDs and cancer. This toxin accumulates in the brain and causes more damage with each dose.

#### **Beta-Propiolactone**

Known to cause CANCER. Suspected gastrointestinal, liver, nerve and respiratory, skin and sense organ POISON.

### Gentamicin Sulphate & Polymyxin B [antibiotics]

ALLERGIC reactions can range from mild to life-threatening.

#### Genetically Modified Yeast, Animal, Bacterial and Viral DNA

Can be incorporated into the recipient's DNA and cause unknown GENETIC MUTATIONS.

#### Glutaraldehyde

Poisonous if ingested. Causes BIRTH DEFECTS in animals.

### R

#### Formaldehyde [formalin]

Known to cause CANCER in humans. Probable gastrointestinal, liver, respiratory, immune, nerve and reproductive system POISON. Banned from injectables in most European countries.

#### **Human and Animal Cells**

Human DNA from aborted BABIES. Pig blood, horse blood, rabbit brains, dog kidneys, cow hearts, monkey kidneys, chick embryos, calf serum, sheep blood & more. Linked to childhood leukemia and diabetes.

#### **Mercury** [thimerosal]

One of the most toxic substances known.

Even if a thermometer breaks, the building is cleared and HAZMAT is called. Tiny doses cause damage to the brain, gut, liver, bone marrow, nervous system and/or kidneys.

Linked to autoimmune disorders, and neurological disorders like AUTISM.

#### Monosodium Glutamate [MSG]

A toxic chemical that is linked to birth defects, developmental delays and infertility. Banned in Europe.

#### Neomycin Sulphate [antibiotic]

Interferes with vitamin B6 absorption which can lead to epilepsy and brain damage. Allergic reactions can range from mild to life -threatening.

#### Phenol/Phenoxyethanol [2-PE]

Used as anti-freeze. TOXIC to all cells and capable of destroying the immune system.

#### Polysorbate 80 & 20

Known to cause CANCER in animals and linked to numerous autoimmune issues and infertility.



### **VACCINES DOSES for U.S. CHILDREN**

1962 1983 2016

TOTAL DOSES: TO

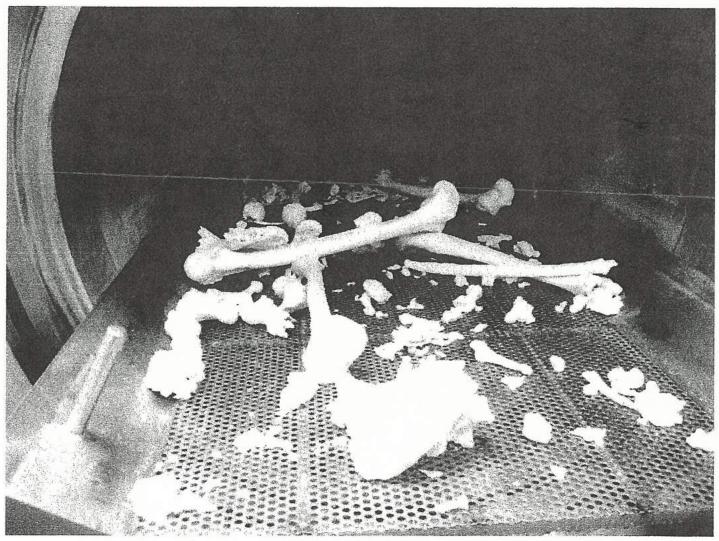
The US gives 2-3x more vaccines than most developed countries, yet we have the sickest population -- with skyrocketing rates of health issues like asthma, childhood diabetes, food allergies, leukemia, developmental delays, ADHD, autism, lupus, arthritis, eczema, epilepsy, brain tumors, Alzheimer's and more. **It's NOT a coincidence.** 

In 1986, Pharmaceutical manufacturers producing vaccines were freed from ALL liability resulting from vaccine injury or death by the Childhood Vaccine Injury Act. With this, vaccines became HIGHLY profitable. There are 271 vaccines in development and mandatory vaccine laws for children — and ADULTS — being pushed in most states.

**FUTURE OF YOU** 

### Governor Signs Law Allowing Californians to Choose to Liquefy Their Remains





The bones left over after a water cremation. The fragments will be pulverized into a powder, which can be memorialized in an urn. (Dean Fisher/ UCLA)

Update, October 16, 2017:



Wynn Greich <1955wcg@gmail.com>

### [AVFCA] ACTION ALERT: Weekend of 4/5 SB276 (Pan) - Write an opposition letter 1 message

Christina Hildebrand <christina@avoiceforchoice.org> Reply-To: christina@avoiceforchoice.org To: info <info@avoiceforchoice.org>

Fri, Apr 5, 2019 at 1:18 PM

(All the following info and more can be found at http://avoiceforchoiceadvocacy.org/sb-276/. Please share.)



### O ON SB276

SB276 has been assigned to the Senate Health Committee only.

### Upload your letter of opposition by noon on Wednesday April 10

There is a new policy this year in the CA legislature, where all letters in support or opposition of a bill MUST be uploaded to the committee website (details below) or they will not be recorded. For SB276 they must be uploaded by noon on Wednesday, April 10<sup>th</sup> or they will not be recorded. Attached is the AVFCA flyer that has talking points for you to use in your letter. Please note, we advise not re-legislating SB277, but focusing on the points included in this flyer. This is a much bigger issue than the vaccine issue, as it encroaches on the doctor-patient relationship. Note: these are specifically tailored to the Democrats because we need their votes. Make your letters personal - include if you have a medical exemption, or if your child has an immune disorder, etc.

### TAKE ACTION between now and noon on Wednesday - please do the following six things:

- 1. Write a letter of opposition using the attached talking points and either upload it to the portal or copy it into the space provided in the portal. (https://calegislation.lc.ca.gov/Advocates/). Note: it will ask you to create an account. You DO need to give your name, but you do not need to give your full address. We do ask that DO you put your zip code, so that legislators can see where you are from. Letters are due at noon on Wednesday, April 10<sup>th</sup>. Please do not wait until the last minute because the submission process takes a little bit of time. If you are writing on behalf of an organization. there are additional parameters:
  - Letters must be signed.
  - Letters must include a reference to bill it is in reference to.
  - Letters from a single organization must be on that organization's letterhead.
  - Letters from multiple organizations must include the letterhead insignia for each organization.
- Send a copy of your letter to your Senator and Assembly Member (http://findyourrep.legislature.ca.gov/), by uploading it through the contact form on their websites.



# The Blaylock Wellness Repo

by Russell L. Blaylock, M.D.

November 2017

Vol. 14, No. 11

### Key Points

- During 1960s, paralytic polio cases were caused by the vaccine itself
- Experts say most vaccines are contaminated with other organisms
- Natural immunity is strongly dependent on good nutrition
- Flu vaccine doesn't reduce. mortality, hospitalizations, or serious complications in children
- Vaccinating pregnant women is a prescription for disaster
- Special plant extracts can boost immunity and fight off influenza

### ASK DR. BLAYLOCK

- Can supplements lower your heart rate?
- What do you take for statin damage?

# Vaccines: Understand the Dangers and Make Better Decisions

As we enter November, we are now at the height of the so-called flu season, which began back in October. Once the season begins, signs, posters, and fliers advertising the newest vaccines seem to proliferate like rabbits in springtime. Advertising has even expanded beyond simply promoting the vaccine. The latest ploy is to offer a free meal for anyone who gets his or her flu shot

I've even noticed some supermarkets and pharmacies advertising flu shots all summer long. It has reached the point of insanity.

Of course, the purveyors of flu shots assure the public that the vaccine is perfectly safe and highly effective - a claim backed by the Centers for Disease Control and Prevention (CDC), various medical societies, public health departments, and most likely your own doctor.

But is that claim true?

In this month's issue of The Blaylock Wellness Report, I'll review some of the things you need to know about the flu vaccine and about vaccines in general. Even though state and federal laws require some vaccinations before a child can enter public school, whether or not you or your children should be vaccinated is a personal decision. And I'm a firm believer in informed consent — something the government and health agencies are increasingly opposed to.

### True History About Vaccines

It may surprise you to know that most physicians know very little about vaccines. They don't really know what's in them or understand how they work, the complications associated with their use, their efficacy (do vaccines actually work?) or most importantly, their effects on the nervous system.

When I was in medical school, we were not taught about these aspects of vaccines. Rather, like most of our professors we just assumed they worked, that they were safe, and that they were necessary. We were also taught that vaccines played the primary role in combating infectious diseases and preventing death from common infections.

Most medical professionals and virtually all of the lay public assume

that smallpox and polio were eradicated by vaccines. In fact, that theory forms the basis of most people's faith in vaccines.

But a number of studies have shown that the occurrence of major infectious diseases was dropping drastically before vaccines were being administered. For example, both the incidence and death rates from measles, mumps, smallpox, and polio fell 80 percent to 90 percent even before vaccines were developed.<sup>1</sup>

In fact, death from measles fell continuously from 1912 until 1960, and didn't fall significantly further when the vaccine was introduced. Today, death from measles in the United States is extremely rare.

What the fearmongers do is cite measles death rates in impoverished Third World countries to frighten parents in developed countries into getting their children vaccinated.

Two primary factors accounted for the decreased incidence and death rates from diseases: drastic improvement in public health measures (better nutrition, sanitation, and healthcare); and increased immunity (over time) as people contracted the diseases and produced antibodies. The result was that the diseases gradually and naturally subsided.

The proof behind that process is demonstrated by looking at various infectious diseases — such as yellow fever, cholera, tuberculosis, and plague — that killed millions of people in premodern societies. Vaccines had nothing to do with conquering these diseases. The

most important factor was improvement in public health, mainly sanitation.

It was only later that vaccine proponents took credit for conquering infectious diseases — that is, after the infections had already been controlled.

### **Trouble With Polio Vaccines**

Likewise, most people assume polio was conquered by the vaccines developed by Jonas Salk and Albert Sabin. But careful studies have shown that the rates of paralysis caused by the polio virus fell drastically in areas where very few took the vaccine — even more than in countries where the vaccine was widely used.

These days, most people assume that everyone who became infected with the polio virus suffered from paralysis. The truth is that very few did.

I remember in the early 1950s, before the polio vaccine was developed, fear of the disease gripped our community. Yet in my school, only one person developed paralysis. Studies have shown that for most, the polio virus caused only a mild summer cold.

Then something changed that made the virus more virulent. Evidence points to widespread use of the pesticide DDT, which at that time was sprayed virtually everywhere. It has been proposed that DDT suppressed critical immune system components, or possibly weakened neurons in the brain stem and spinal cord.

During the 1960s, most cases of paralytic poliowere caused by the vaccine itself. The Salk vaccine was

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discontinued because it was shown to contain live viruses, even though it was supposed to contain only inactivated viruses.

Even the later Sabin oral vaccine spread the polio infection because it was a live virus vaccine. Studies demonstrated that people who took the vaccine shed the virus in their stool for months afterward. They would have contaminated everyone they came into contact with.

In Africa today, every case of paralytic polio has been caused by the vaccine; several mothers have even been left paralyzed by their vaccinated children. The World Health Organization (WHO) — which along with Bill Gates led the way in instituting these vaccination programs — named this new paralytic disease vaccine-associated paralytic polio (VAAP).

Basically, poor people were being given a polio vaccine that had been outlawed in the United States because it caused paralysis in those who took it.

To make matters worse, the vaccines contained a cancer-causing virus called SV40, which came from the monkey kidney cells used to grow the virus. It's estimated that more than 100 million people were infected by that cancer-causing virus, and that it is now being passed down to their offspring.

The SV40 virus has been linked to several cancers, including mesothelioma, brain tumors (medulloblastoma, choroid plexus papilloma, and ependymoma), and bone tumors.

### Dangers From Contaminated Vaccines

If you think vaccines are now free of contaminants, think again. Experts on vaccine manufacturing admit that most of today's vaccines are contaminated with bacteria, mycoplasma, and viruses, as well as infectious DNA fragments from such organisms. A conference on vaccine contaminants found that the MMR (measles, mumps, rubella) vaccine contained retroviruses such as avian leukosis virus (ALV).

Flu vaccines are also contaminated with bacteria and viruses. One expert warned that all vaccines grown in birds' eggs — as many are — were heavily contaminated.

Other cells used for growing vaccine-directed viruses include monkey tissues, fibroblasts, cloned human cells, cells from aborted babies, and mashed bird embryos — all of which are known to contain numerous

### Scaring the Public

As noted, every flu season signs pop up like dandelions telling people why they "need" to get their flu shots — especially in and around pharmacies and grocery stores. This stuff is all Madison Avenue hype.

For example, in 2004 the National Immunization Program devised a plan to promote vaccinations by spreading fear. They recommended a campaign that included:

Step 1: Planting seeds — seeds of fear — in people's minds early in the season by displaying posters, fliers and media campaign material.

Step 2: Pronouncements that the "new" flu strain "will be associated with severe illness and serious outcomes." Every year, we are told the myth of the "36,000 who die every year of the flu."

Step 3: Use of local and national "medical experts and public health authorities" to emphasize alarm and impart statewide concern.

Step 4: Release of reports through the media of alarm and fear that this season's flu will be especially severe and that many people will be susceptible.

Step 5: Most importantly, continued emphasis of the importance of vaccines.

contaminant viruses, bacteria, and mycoplasma.

The presence of DNA fragments from contaminant viruses is a real concern. Yet when asked if DNA fragments in vaccines could pose a risk to human health, one virologist answered, "I don't think so."

I don't know about you, but "I don't think so" is not a good enough answer for me.

The truth is that these DNA fragments can become incorporated in other viruses, creating new disease-causing organisms. They can even merge with human DNA.<sup>3</sup>

This is a special danger with live virus vaccines like the MMR vaccine. Scientists are also worried that these vaccines may contain prions (mad cow disease) and oncogenes — DNA fragments that can trigger cancers.

Despite what the CDC, the FDA, and vaccine manufacturers tell you, no vaccine is pure.

One of the best ways to detect hidden viruses is the polymerase chain reaction (PCR) test. But even that test can fail.

For example, one such test indicated a batch of

vaccine components was free of viruses. It was later found that the vaccine contained 106 viral particles that were missed by the PCR test.

Also keep in mind that when a vaccine manufacturer tests for viruses, the test includes only a limited number of organisms. Scientists know that there are thousands of viruses that have not yet been classified. Hence, they cannot be tested for.

Importance of Informed Consent

One of the most important principles in the patient-doctor relationship is informed consent. That means a doctor is supposed to fully inform his or her patient about any medical procedure, prescription, or vaccine. That includes how the treatment is supposed to work, any potential reactions or complications, and specific dangers, especially with regard to drugs and vaccines.

Unfortunately, such fully informed consent rarely occurs. In the case of drug prescriptions and vaccines, the obstacle to informed consent is often that doctors are not sufficiently familiar with the drug or vaccines. In addition, doctors are exposed to a great deal of deceptive and even fraudulent medical literature published by people with financial ties to pharmaceutical companies.

For instance, most doctors assume they understand vaccines. But careful questioning discloses that they know virtually nothing about how vaccines are manufactured, what they contain (including contaminants), and the effects a vaccine may have on various organs and tissues in the body.

Despite manufacturers' promises to remove mercury from vaccines, at least one form of the flu vaccine still contains thimerosal, a preservative that contains ethyl mercury — the most toxic from of mercury for the brain. Anything over 200 ppb (parts per billion) is considered toxic in adults, yet these vaccines contain 25,000 ppb.

That much mercury is bad enough for an adult. Now consider that 6-month-old babies are being given these vaccines. Because of their small body weights and the immaturity of their brains, it is infinitely more neurotoxic for children of that age.

Even the so-called thimerosal-free flu vaccine can contain up to 300 ppb of ethyl mercury.

More recently, studies have shown that many vaccines are contaminated with the herbicide

glyphosate (the main ingredient in Roundup), which can cause a number of nervous system disorders and has been linked to cancer.<sup>4</sup>

In addition, there is evidence linking glyphosate to autism spectrum disorders.

Dr. Stephanie Seneff, a research scientist at the Massachusetts Institute of Technology (MIT), who is an expert in glyphosate toxicity, was not shocked by this finding because glyphosate is linked to neurodevelopmental diseases — such as autism.

A recent analysis of several vaccines found significant levels of glyphosate in vaccines for MMR, DTaP (diphtheria, tetanus, pertussis), influenza, and hepatitis B, as well as pneumococcal vaccine (which is supposed to protect against pneumonia, meningitis, and sepsis). The concentration of glyphosate in the MMR II vaccine was 25 times higher than the other vaccines.

There is considerable evidence that glyphosate may alter the development of a child's brain.

Vaccines contain a number of other harmful chemicals, such as polysorbate 80, that can damage the blood-brain barrier and gut barrier. These barriers both protect the brain.

### Advantages of Natural Immunity

In most cases, flu infections last from a few days to a week or two, depending on the health of a person's immune system. We know that immune system health is strongly dependent on nutrition, especially adequate intake of

- B vitamins
- · Carotenoids (especially astaxanthins)
- Vitamin D3
- Vitamin C
- Flavonoids (from vegetables and some fruits)
   Studies have shown that a single nutrient deficiency

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— such as vitamin B1 (thiamine) — can cause significant immune dysfunction.

Minerals — especially zinc, selenium, iron, and magnesium — also play an important role in immunity. These minerals are especially important for cellular immunity, which is also referred to as innate immunity.

Innate immunity — white blood cells — is the body's first line of defense. It is a general principle that if an infection can be prevented from entering the body, sickness is unlikely.

The lining of the respiratory passages (nasal passages, trachea, bronchi, and lungs) and the lining of the GI tract (from esophagus to anus) present major barriers to invading organisms.

There are special antibodies (IgA antibodies) on the mucus membranes of the respiratory passages and GI tract, along with an assortment of innate immune cells, particularly macrophages and monocytes. Those are the foot soldiers that prevent an attack. If they are kept strong with proper nutrition, they can potentially keep a person from ever getting sick.

But if infectious organisms breach those barriers and enter the bloodstream, then other innate immune cells kick in to fight them off.<sup>5,6</sup> If that is successful, an illness will be mild and short-lived.

Antibodies (the body's adaptive immune branch) come relatively late to the fight against infection, assisting the innate immune system in killing off the invaders. But importantly, the antibodies provide a record of the infection, mainly by classifying the invading organism for later identification (immune memory).

If the same organism enters the body again, these memory cells can launch a rapid attack and prevent infection.

Vaccines only address the adaptive system, and have been shown to inhibit immune memory. That's why vaccination needs to be repeated while natural immunity is usually permanent.

Vaccine-induced immunity lasts 10 years at best. Natural infections usually provide a person with lifelong immunity against a particular infectious organism.

One of the main problems with vaccines is that immune-enhancing compounds are added to prolong and intensify the immune reaction that they cause. These compounds are called immune adjuvants.

The most commonly used immune adjuvants are

aluminum compounds such as aluminum hydroxide and aluminum phosphate.

Recently, a special fat called squalene has also been used. Squalene has been linked to Gulf War syndrome, which crippled and killed thousands of soldiers.

Other oils are frequently added to vaccines and some have been strongly linked to food allergies, such a peanut allergies.

Unlike natural immunity, vaccines activate the immune system to switch to what is called TH2 immunity, which ironically increases the risk of infection as well as the risk of developing an autoimmune disease such as asthma, arthritis, or Type 1 diabetes. Once the vaccine schedule was expanded, we began to see a dramatic increase in autoimmune diseases, especially among children.

This also explains the increased risk of infection for the first few weeks after a vaccination, such as we see with the HiB vaccine. In fact, the CDC warns that children vaccinated for HiB face greater risk of the very disease the vaccine was given to prevent—haemophilus influenzae meningitis—during the first few weeks after "inoculation."

More recently, it was discovered that the combination of components in the MMR vaccine actually increases the risk of children developing a measles infection. (The measles component of MMR vaccine is more virulent than a natural infection.)

It was also disclosed during the phony H1N1 (swine flu) "pandemic" that the vaccine against the virus actually worsened the risk of contracting an H1N1 infection — and made the infection deadlier. 2.8

That phenomenon was then repeated in the laboratory.9

It's not natural for a person to be exposed to two or more serious communicable diseases at the same time. Yet children are exposed to as many as 11 vaccine doses in a single office visit, up to a total of 26 doses by age 18 months.

By age 18, a person who follows the recommendations of CDC and public health departments is exposed to some 69 doses of vaccine adjuvants and antigens. That's comparable to enduring a chronic infection for their entire childhoods.

With natural infections, we see a balanced interaction between the innate and adaptive immune systems. But with vaccines, we see a lopsided immune

reaction, and as a result we see suppression of the innate immune system. That puts a person at risk for not only worse infections, but cancer as well.

### The Grand Deception

Influenza viruses frequently mutate — a process called antigenic drift. That's why each year vaccine makers have to develop new flu vaccines. Unfortunately, in some years they pick the wrong strain of the virus.

When that occurs, the vaccine is completely worthless against infection — but still carries all the complication risks of any other vaccine.

This year, the CDC is not recommending the nasal flu vaccine. Their excuse is that it is less effective, which is true.

But it has also been connected with a number of deaths of children, and has been linked to inflammation of the respiratory passages and asthma.

Such a live virus should never be sprayed into the nose because it will be carried by the olfactory nerves directly to the brain (specifically the hippocampus, amygdala, and prefrontal cortex), causing damage to brain cells.

The CDC recommends either the trivalent or quadrivalent flu vaccines for this season. The trivalent form covers three strains of the flu virus — H1N1, H3N2 and a type B flu virus. The quadrivalent has two strains of type A and two of type B flu viruses.

It's important to understand that the CDC and public health departments do not perform widespread testing of viral strains. In fact, during the majority of flu seasons, more than 90 percent of infections are caused by viruses other than the vaccination strain. This is a grand deception by the CDC and public health.

It is also perpetrated, mostly unknowingly, by the medical profession.

If you read the material on the CDC site, you will see that they call these infections "influenza-like" illnesses — meaning they include every kind of viral infection and not just flu viruses.

#### Is the Flu Vaccine Effective?

For the last several flu seasons, the CDC and public health departments have been recommending vaccines for all children as old as 6 months. In my estimation, that is practically criminal.

In an extensive review of vaccine studies, researchers found that the flu vaccine offered no benefit for children younger than age 2.10 It did not reduce mortality, hospitalizations, or serious complications in vaccinated children, and it did not reduce spread of the virus.

Those are the exact justifications doctors and the media use for mass vaccination of children.

Worse yet, the vaccine actually increased children's risk of contracting a viral respiratory infection.

The Cochrane Organization — a group of researchers who examine medical research and have no connection to the vaccine industry — reviewed 51 studies involving 260,000 children vaccinated with the flu vaccine. They found that for children younger than 2, the vaccine was no more effective than a placebo. 11

In older children, vaccination was 33 percent effective with the live virus vaccine, and 36 percent effective with the inactivated virus vaccine (the vaccine recommended today). But that means 64 percent of vaccinated children got no protection while being exposed to the possible complications of being vaccinated.

Other studies have confirmed these findings. 12,13
In addition, research has shown that children who are vaccinated with the currently recommended flu vaccine were significantly more likely to be hospitalized. 14

The human brain undergoes extensive development in the first two years of life. By age 6, 80 percent of the

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brain is formed. But that means it still has 20 percent more development to complete.

Compelling research now shows that stimulating the immune system with the types of adjuvants and other materials used in vaccines (including aluminum, squalene, and mercury) can severely alter the development of the brain, resulting in speech, learning, and behavioral defects. 15-17

I have published several papers on the mechanisms involved in vaccine-induced abnormal brain development.<sup>18-22</sup>

Defenders of vaccinating young children argue that the flu vaccine is an effective way to prevent seasonal flu infections. But as noted, for those below age 2, the vaccine has no effectiveness, and it is mostly ineffective for older children.

The problem is that unlike natural infections, vaccines can deposit immunoexcitotoxic amounts of aluminum in the brain that stay there for a long time. In addition, vaccines cause prolonged immune activation in the brain (up to two years after vaccination). And other toxic components of vaccines — including viral and DNA fragments — endanger the brain for a lifetime.

Only a small percentage of children would contract the flu without vaccination. A far greater number will be affected by immune stimulation, depending on how many are vaccinated.

Despite all this evidence, the CDC and American Academy of Pediatrics are calling for 100 percent of children to be vaccinated each season, starting at age 6 months.

### Vaccinating Pregnant Women: Prescription for Disaster

There is extensive evidence that stimulating a woman's immune system cytokine production during pregnancy results in abnormal development of the baby's brain, and increases the likelihood of neurological disorders — including depression, anxiety, and other behavioral disorders — later in life. 15-18

Stimulating the mother's immune system during pregnancy also dramatically increases the risk of the child developing autism or schizophrenia early in life.

But it's important to understand that it's not the infectious organism (the virus) causing these problems. It's the mother's own immune system.

A recently published CDC-funded study reported in the medical journal "Vaccine" found that women who followed the CDC's advice to have a flu vaccine with each pregnancy had a 400 percent increase in the rate of spontaneous miscarriage compared to unvaccinated women.<sup>23</sup>

It has also been shown that the flu vaccine causes significant inflammation in a pregnant woman, leading to brain inflammation in the baby — which leads to immunoexcitotoxicity and abnormal development of the baby's brain.

For all of these reasons, until quite recently it was accepted that a pregnant woman should never be vaccinated. Yet today, there is a campaign to vaccinate 100 percent of pregnant women.

The thinking behind this campaign is that reducing flu infections during pregnancy lowers the risk of a child developing autism or schizophrenia later in life. The problem with this idea is that flu infections in pregnant women are quite rare.

In fact, each flu season the number of people actually infected with the virus is quite small — 5 percent to 10 percent of adults. Most winter infections involve viruses not affected by the flu vaccine. That means the number of women at risk from the flu during pregnancy is probably less than 1 percent. And the vaccine itself has been shown to be no more than 30 percent to 40 percent effective in adults — at best.

But if you vaccinate 100 percent of pregnant women, you will dramatically stimulate immune cytokines in all of them. Only time will tell if there will be a dramatic increase in schizophrenia and autism because of this insane policy.

It has also been shown that children's first exposure to the flu virus through a natural infection improves their immune defense against subsequent flu infections, and aids the development of their immune systems.

On the other hand, it has been shown that giving the flu vaccine to a child each year significantly increases the child's — or later, the adult's — risk of contracting a flu infection and having a more severe infection. The reason is that the flu vaccine suppresses protective immunity and interferes with immune memory.

### Studies: Flu Vaccines Don't Benefit Adults

Most doctors get their vaccine information from the CDC, which they assume is a reliable, highly scientific,

independent agency that has the best interests of the public in mind.

Nothing could be further from the truth.

The CDC is one of the most corrupt arms of the federal government. It owns more than 20 patents on vaccines and according to activist and author Robert F. Kennedy Jr., the CDC makes \$4.6 billion in profits from vaccine sales per year.

Pharmaceutical companies virtually own the CDC.

This corruption also extends to medical insurance companies. For example, Blue Cross Blue Shield financially punishes pediatricians who do not fully vaccinate their patients.

Dr. Paul Thomas has explained that his medical practice is rated by his insurance company for vaccine compliance, and that pediatricians are given substantial rewards for each child fully vaccinated on the CDC schedule. Conversely, the doctors are punished if they do not follow the schedule.

Pediatricians are paid \$12 to \$14 per shot. That becomes a large part of the doctor's income. This explains why they get angry when mothers refuse to follow their vaccine recommendations.

Dr. Thomas estimated that by not following the CDC recommendations, he has lost more than \$1 million dollars in payments.

One of the most impressive academic reviews on vaccines was reported in the "Archives of Internal Medicine." It looked at studies covering 33 flu seasons over 20 years involving people in multiple communities.<sup>24</sup>

In 1980, only about 15 percent of elderly people received the flu vaccine. By 2001, about 65 percent got the vaccine.

You would have expected to see fewer deaths from the flu, as well as hospitalization, incidences of pneumonia, and loss work. But the review found no benefit from the vaccine in any of these areas. Other studies have confirmed and extended these findings.<sup>25</sup>

Another study, reported in the "New England Journal of Medicine," was designed to see if vaccinating school children would reduce the spread of flu throughout the community. What the researchers found surprised them.<sup>26</sup>

In the schools where the children were vaccinated, they saw significantly more hospitalizations from flu infections in both children and adults living in the same households. The unvaccinated children and adults did much better.

Overall, for elderly people living at home, the vaccine provides zero protection against getting the flu or developing pneumonia, the major cause of flurelated hospitalization and death.

It has also been shown that people who never get the flu vaccine are better protected against the flu when they are older than those who get yearly flu vaccines.

One study even found that people who receive the trivalent flu vaccine are four to five times more likely to contract non-flu infections than those who do not get vaccinated.

I recently wrote a paper in which I demonstrated the link between excessive vaccination and behavioral problems and neurodegeneration in adults. It is now accepted that inflammation of the brain plays a major role in behavioral disorders associated with aging, such as:

- Depression
- Anxiety
- Panic attacks
- Confusion
  - Obsessive-compulsive disorder
  - Suicidal tendencies

Excitotoxicity is linked to inflammation (immunoexcitotoxicity) and is also a major player in these behavioral disorders. As more adult vaccines are added to the schedule, I predict that more elderly people will suffer from these disorders.

And what about the claim by the CDC that 36,000 (sometimes said to be as high as 49,000) people die each year from the flu? Those numbers were created out of thin air — mainly to scare the public into getting the vaccine.

The actual reported number of influenza deaths per year varies from a few hundred to as high as 2,000, and in most of those cases the person suffered from a chronic illness or other immune-suppressing condition.

A person who eats a healthy diet, exercises regularly, gets enough sleep, and takes a few immune-strengthening natural supplements is extremely unlikely to develop any complication or die from the flu. Even the chronically ill can be protected in most cases by nutrition and immune-strengthening compounds.

## Important Books and a Video on Vaccines

The Vaccine Safety Manuel for Concerned Families and Health Practitioners by Neil Z. Miller. This is an extensive review of all the major vaccines along with analysis of numerous studies. I wrote the foreward to the book.

Miller's Review of Critical Vaccine Studies by Neil Z. Miller. This book contains all the major studies concerning vaccine safety and effectiveness. Each of the studies is analyzed for the major findings.

Saying No to Vaccines: A Resource Guide for All Ages by Sherri Tenpenny, D.O. Sherri is one of the leading experts on vaccine safety and has written an excellent guide and analysis on vaccine safety.

Vaccine Whistleblower: Exposing
Autism Research Fraud at the CDC
by Kevin Barry, Esq. This book
exposes how the CDC purposefully
covered up data that proved a
link between certain vaccines and

A Shot in the Dark by Harris L. Coulter and Barbara Loe Fisher. This is the book that started the investigation into vaccine safety. It mainly discusses the danger of the pertussis vaccine, but also demonstrates how scientific fraud works.

autism.

Thimerosal: Let the Science Speak by Robert F. Kennedy, Jr.

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This book discusses all the major information, based on the best science, concerning the harmful effect of thimerosal, the mercury-containing additive in vaccines.

Dissolving Illusions: Disease, Vaccines, and the Forgotten History by Suzanne Humphries, M.D., and Roman Bystianyk. This book is a treasury of information and history of infectious diseases and vaccines by a recognized expert in the field.

The Truth About Vaccines. In this seven-episode set of DVDs, prominent experts of vaccine safety are interviewed. Comes with a written transcript. It is excellent. It is hosted by Ty Bollinger.

#### Better Ways to Prevent and Treat the Flu

Virtually everyone agrees that a healthy immune system is the key to preventing infectious diseases. We all know people who never seem to get sick, no matter how often they are exposed to sickness.

Of course, some people are just born with powerful, well-balanced immune systems. But unfortunately, we've seen a massive increase in immune disorders over the course of the last 30 years — mainly because of the dramatic increase in vaccinations, especially given early in life.

The incidence in autoimmune diseases, such as asthma, lupus, MS, Type 1 diabetes, and rheumatoid arthritis has skyrocketed. Developmental disorders involving the brain have similarly increased, especially among younger people,

It is now recognized that people with a personal or family history of autoimmune disorders are at a higher risk of developing an autoimmune disease following vaccinations — especially combined, repeated, closely spaced vaccines.

In most studies, vaccines do not protect these people anyway. A healthy diet, regular exercise, adequate sleep, and use of immune modulating natural compounds will offer not only protection against infections, but also help control autoimmune diseases.

And it's critically important for a person to maintain good colon health with fiber, flavonoids, and probiotics, because 80 percent of the immune system resides in the intestines.

One way to prevent influenza and other infections is to take special plant extracts that selectively stimulate the innate immune system (cellular immunity).

The one I use most often is beta 1,3/1,6 glucan, which is extracted from the cell wall of yeast and highly purified. But be aware that cheap, poorly manufactured brands should not be used.

If I am around someone with a viral infection, I usually take 500 mg of beta-glucan on an empty stomach and repeat it for two more days. If I get an infection, I take the same dose, and never take anything that might lower my fever.

Instead, I do what was always done when I was growing up: bundle up in a sweatshirt and blankets and sweat it out. This is the fastest, most effective way to overcome a viral infection.

If your temperature rises above 104 degrees, use a cool, wet cloth to lower it to around 100 to 102.

One of the worst things you can do is take a feverlowering medication like ibuprofen or acetaminophen, which actually impair immunity and increase your risk of severe complications, even death.

For example, one study found that measles infections in African children led to 7 percent mortality if no fever-reducers were administered. But the mortality rose to an astounding 35 percent in children given fever-reducers. That's a fivefold increase.

Viruses are sensitive to heat. It helps kill them. Acetaminophen (Tylenol) is a liver toxin that drastically lowers levels of glutathione - one of the body's major protective molecules. That drug should never be given to children or babies.

Multivitamin/mineral supplements are necessary to keep nutrient levels up. Even a single deficiency of vitamins and/or minerals can result in immune problems.

Vitamin C has potent antiviral effects and prevents dangerous cytokine storms that are responsible for death in some people infected with flu viruses.

Vitamin D3 is a powerful immune modulator. If the immune system is underactive, it boosts function; and if overactive, it calms function down. In addition, it contains special bacteria- and virus-killing substances called antibacterial peptides.

Subclinical deficiencies of vitamin D3 are very common, especially in dark-skinned people. It is a good idea to have a blood test done. Levels should be between 65 ng/mL and 100 ng/mL. A dose of 2,000 IU of vitamin D3 each day can raise blood levels. I take 5,000 IU a day. Selenium, zinc, and magnesium are also essential for immune health.

Several plant flavonoids have demonstrated antiviral effectiveness, as well as enhancing the ability of the immune system to combat viruses and bacteria. EGCG, a compound found in white and green tea, has been shown to inhibit flu virus replication. The highest concentration of EGCG (94 percent) is found in a product call Teavago. In rare instances, EGCG had been associated with reversible liver failure.

Grapeseed extract has been shown to activate Th1 immunity, which is the most effective type of immunity against viruses and bacteria.27 Astaxanthin has been shown to restore immunity in elderly people. It also improved immune cell function.28

Another interesting compound is olive leaf extract, which has anti-inflammatory, antioxidant, anticancer, antimicrobial, and antiviral benefits.29 It also has powerful effects against a number of common viruses, including:

- Herpes
- Hepatitis
- Rotavirus
- Bovine rhinovirus
- Feline leukemia
- Parainfluenza

Hesperidin and hawthorn both modulate immunity reduce inflammation, and have antiviral activity.

Curcumin and quercetin both reduce inflammation and improve resistance to infectious diseases of various kinds. Quercetin was also shown to significantly reduce upper respiratory infections after intense exercise.30

Resveratrol has potent antiviral activity against several human viruses, including influenza, hepatitis C. varicella zoster (shingles), Epstein-Barr, herpes simplex, rhinovirus (cold virus), and HIV.31,32

Silymarin also has antiviral activity.

N-acetyl-L cysteine (NAC) boosts cellular glutathione levels, as will curcumin and many other flavonoids.

Naringenin, a flavonoid from grapefruits, reduces acetaminophen toxicity.

A recent study found that hand washing and other common sense hygiene methods were more effective against spreading flu viruses than taking the flu vaccine.33 Careful attention to hand washing and covering your mouth when coughing is important. Frequently touched surfaces can be sterilized using safe disinfectants.

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Learning Clinter > Health Hazards To Know About > Chlorine, Cancer, And Heart Dise

"We are quite convinced, based on this study, that there is an association between cancer and chlorinated water." - Medical College Of Wisconsin research team

The addition of chlorine to our drinking water began in the late 1800s and by 1904 was the standard in water treatment, and for the most part remains so today. We don't use chlorine because it's the safest or even the most effective means of disinfection, we use it because it is the cheapest in spite of all our technological advances, we essentially still pour bleach in our water before we drink it. The long term effects of chlorinated drinking water have just recently being recognized. According to the U.S. Council Of Environmental Quality, "Cancer risk among people drinking chlorinated water is 93% higher than among those whose water does not contain chlorine."

Dr. Joseph Price wrote a highly controversial book in the late sodies titled Coronaries/Cholesterol/Chlorine and concluded that nothing can negate the incontrovertible fact, the basic cause of atherosclerosis and resulting entities such as heart attacks and stroke, is chlorine." Dr. Price later headed up a study using chickens as test subjects, where two groups of several hundred birds were observed throughout their span to maturity. One group was given water with chlorine and the other without. The group raised with chlorine, when autopsied, showed some level of heart or circulatory disease in every specimen, the group without had no incidence of disease. The group with chlorine under winter conditions, showed outward signs of poor circulation, shivering, drooped feathers and a reduced level of activity. The group without chlorine grew faster, larger and displayed vigorous health. This study was well recepted in the poultry industry and is still used as a reference today. As a result, most large poultry producers use decitionnated water it would be a common sense conclusion that if regular chlorinated tap water is not good enough for the chickens, then it probably is not good enough for us humans!

There is a lot of well founded concern about chlorine. When chlorine is asked to our water, it combines with other natural compounds to form Trihalomethanes (chlorination byproducts), or THIMs. These chlorine byproducts trigger the production of free radicals in the body, causing cell damage, and are highly carcinogenic. "Although concentrations of these carcinogens (THMs) are low, it is precisely these low levels that cancer scientists believe are responsible for the majority of human cancers in the United States\*. The Environmental Defense Fund

Simply stated chlorine is a pesticide, as defined by the U.S. EPA, who's sole purpose is to kill living organisms. When we consume water containing chlorine, it kills some part of us, destroying cells and tissue inside our body. Dr. Robert Carlson, a highly respected University of Minnesota researcher who's work is sponsored by the Federal Environmental Protection Agency, sums it up by claiming, "the chlorine problem is similar to that of air pollution", and adds that "chlorine is the greatest crippler and killer of modern times!"

Breast cancer, which now effects one in every eight women in North America, has recently been linked to the accumulation of chlorine compounds in the breast tissue. A study carried out in Hartford Connecticut, the first of it's kind in North America, found that, "women with breast cancer have 50% to 60% higher levels of organochlorines (chlorination byproducts) in their breast tissue than women without breast cancer."

One of the most shocking components to all of these studies is that up to 2/3s of our harmful exposure to chlorine is due to inhalation of steam and skin absorption while showering. A warm shower opens up the pores of the skin and allows for excelerated absorption of chlorine and other chemicals in water. The steam we inhale white showering can contain up to 50 times the level of chemicals than tap water due to the fact that chlorine and most other contaminants vaporize much faster and at a lower temperature than water, inhalation is a much more harmful means of exposure since the chlorine gas (chloroform) we inhale goes directly into our blood stream. When we drink contaminated water the toxins are partially filtered out by our kidneys and digestive system. Chlorine vapors are known to be a strong irritant to the sensitive tissue and bronchiat passages inside our lungs, it was used as a chemical weapon in World War II. The inhalation of chlorine is a suspected cause of asthma and bronchitis, especially in children... which has increased 300% in the last two decades. Showering is suspected as the primary cause of elevated levels of chloroform in nearly every home because of chlorine in the water." Dr Lance Wallace, U.S. Environmental Protection Agency.

Chlorine in shower water also has a very negative cosmetic effect, robbing our skin and hair of moisture and elasticity. resulting in a less vibrant and youthful appearance. Anyone who has ever swam in a chlorinated pool can relate to the harsh effects that chlorine has on the skin and hair. What's surprising is that we commonly find higher levels of chlorine in our tap water than is recommended safe for swimming pools,

Aside from all the health risks related to chlorine in our water, it is the primary cause of bad taste and odor in drinking water. The objectionable taste causes many people to turn to other less healthful beverages like soft drinks, tea or other sweetened drinks. A decreased intake of water, for any reason, can only result in a lower degree of health.

The good news is that chlorine is one of the easiest substances to remove from our water. For that reason it togically should serve it's purpose of keeping our water free from harmful bacteria and water borne diseases right up to the time of consumption, where it should then be removed by quality home water filtration.

No one will argue that chlorine serves an important purpose, and that the hazards of doing away with chlorine are greater than or equal to the related health risks. The simple truth is that chlorine is likely here to stay. The idea that we could do away with chlorine any time in the near future is just not realistic. It is also clear that chlorine represents a very real and

City Council Special Meeting Minutes April 9, 2019

# Contaminated Water a Problem

Continued from Page B-1

toxic heavy metal.

The Washington Post reported in October 2004 that the D.C. Water and Sewer Authority knew in 2001 that its water contained unsafe lead levels, but "withheld six high test results and said the water was fine."

While the *Post* article did not mention chloramines, it did say that other cities have similar problems dealing with unacceptably high levels of lead in their water:

"Cities across the country are manipulating the results of tests used to detect lead in water, violating federal law and putting millions of Americans at risk," the Post reported. "Some cities, including Philadelphia and Boston, have thrown out tests that show high readings or have avoided testing homes most likely to have lead."

"In New York City," the *Post* wrote, "the nation's largest water provider has for the past three years assured its 9.3 million customers that its water was safe because the lead content fell below federal limits. But the city has withheld from regulators hundreds of test results that would have raised lead levels above the safety standard in two of those years."

The American Water Works Association (AWWA), an international nonprofit scientific society dedicated to the improvement of drinking water quality, reported that samples of Washington water collected after flushing were as high as 48,000 parts per billion (ppb). Some of the highest lead concentrations came from taps after one minute of flushing.

The EPA's "action level" for lead in drinking water is 15

ppb, while the UN's World Health Organization recommends that lead not exceed 10 ppb.

According to the EPA, "If the lead concentration of the drinking water at the tap is above the action level, the water supplier may be required to install corrosion-control equipment, monitor the water source, and replace lead service lines, as well as undertake a public education program."

After switching to chloraminated water, children in Washington ingested more than 60 times the EPA's maximum level of lead with one glass of water.

"Cities across the country are manipulating the results of tests used to detect lead in water". Some cities have thrown out tests that show high readings,"

"[Lead] contaminated water is a greater risk to youth," the EPA notes. A 2-year-old's estimated daily intake of lead from all sources should not exceed 190 ppb per day, according to EPA guidelines.

In March 2004, after a number of 2-year-olds in Washington were found to have high levels of lead in their blood, D.C. City Administrator Robert Bobb said that 23,000 homes with lead service lines would receive filters within 30 days.

Lead in the drinking water was a problem that plagued ancient Rome.

Vitruvius, Roman architect and engineer, warned of lead in his 1st Century B.C. opus *De Architectura*: "Water from clay pipes is much more wholesome than that which is conducted through lead pipes, because lead is found to be harmful . . . hurtful to the human system.

"Hence, water ought by no means to be conducted in lead pipes, if we want to have it wholesome," Vitruvius wrote.

#### TOXIC BYPRODUCTS

The chlorination of water also creates a host of known and unknown organic byproducts, which experts say are "the chemicals of greatest concern" due to their toxicity and carcinogenic potential.

To reduce the level of harmful DBPs and the odor in the water, the EPA began promoting chloramination of water in 1994.

While the chloramines reduce the level of known DBPs, they create a host of unknown DBPs, some of which are extremely toxic.

In Corpus Christi, Texas, for example, where the water is treated only with chloramines, the reaction with the bromide and iodide laden source water creates some of the "most toxic and genotoxic DBPs" ever found.

Although chlorine has been used to disinfect water for over 100 years, less than 50 percent of the DBPs in chlorinated drinking water are known. With chloramines, only 17 percent of the DBPs have been identified.

"The unintended generation of DBPs poses a chronic health risk," Dr. Michael J. Plewa, a genetic toxicology expert at the University of Illinois, wrote. Plewa authored a 2004 EPA-funded study of the effects of chloramines in the water of Corpus Christi.

In the chloramine-treated water of Corpus Christi, Plewa's study discovered a number of new and extremely toxic DBP's: iodoacids.

"The iodoacetic acid is the most toxic and genotoxic DBP in mammalian cells reported in the literature," Plewa wrote. Of the known DBPs, the iodoacetic acid found in the drinking water of Corpus Christi was "the most toxic and DNA-



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americanfr€

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# PENINSULA PEOPLE OPINIONS

Dr. Winn Parker Ph.D. (MT) P.O. Box 864 Millbrae, California 94030

# Chloramine causes collateral health damage

THLORAMINE IS A TOXIN added to drinking water we receive from the Hetch Hetchy system. Chloramine is ammonia added to chlorine to make chloramine. Listed in the MSDS industrial chemistry book, chloramine is to be used in an emergency and does not have an antidote. Chloramine cannot be boiled out of the water and can kill fish in hobby tanks and as shown from research, can cause canine hysteria.

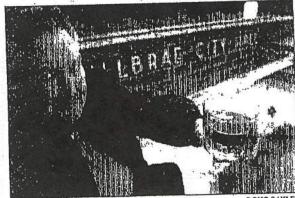
#### GUEST OPINION BY WINN PARKER

Hemodialysis patients have a special consideration not to have chlormaine in their blood. They could die in minutes.

Chronic kidney disease causes the organs to slowly lose their ability to filter waste out of the bloodstream. Many of the 20 million people estimated to have kidney disease do not know it. The Public Utility Commission is asking humans to be a human processing plant for the chloramine in the body.

Charcoal filters cannot take out the nitrogen in the ammonia. The PUC's requested human processing plant - which is us - can bioaccumulate the nitrogerntoxins from an impaired kidney, liver or impaired immune system. The bioaccumulation of amine toxins and secondary cancer products are going to accumulate even in various dosages of ammonia to chlorine in the drinking water.

Chlolramine in drinking water can enter the digestion and blood'stream in another form called a nitrogen balance. Nitrogen balance refers to the difference between nitrogen intake and total nitrogen loss in urine, sweat and bowel elimination. Ammonia, derived mainly from breakdown of amino acids, is toxic to all animals. Human tissues, therefore, initially detoxify ammonia by converting it to glutamine for transport to the liver. Collateral health damage from ammonia upsets the pH balance of the body. If the liver is functioning properly, it



DOUG OAKLEY

Winn Parker of Millbrae is campaigning against the use of chloramine in Bay Area water supplies.

releases ammonia converted into the non-toxic nitrogenrich compound urea in the urine. If the amine of the liver is compromised, ammonia accumulates in the blood and generates serious consequences.

N-nitrosodiumethyamine (NDMA), a probably car-: cinogen, is a likely byproduct of cloramination of drinking water. Collateral health damage from this

secondary cancer by-product, NDMA, will probably decrease immunity in the human body. Journal AWWA, Feb. 2001, Vol. 93, No. 2, pp. 92-99.

There are other examples of possible collateral health damage from chloramine explained in other scientific journals, one affecting thyroid metabolism in healthy men and another affecting white blood cells that are

system.

Research shows there is also collateral health damage when chloramine interacts with certain medicines. For. example, chloramine can change the interaction in the body from taking antidepressants with the drinking water. Statins, which reduce cholesterol levels, are influenced by chloramine drinking water entering the cells of the body. Propecla, for male pattern baldness, is, interactive with chloramine.

Chloramine has been known to cause corrosive pipe deterioration releasing lead and other toxins from pipes eaten away by chloramine. This could cost consumers billions of dollars a years and adversely impact public health.

For a short-term solution, consumers should have filters to remove lead from the water. The long-term solution is to eventually replace all significant lead-bearing materials that are used in the water system. This will take generations to imple-

needed for a healthy immune ment. Rather, we must NOW remove chloramine, which is a toxin and produces secondary cancer by-products, and has uncertainties and risks. Since chloramine is a toxin added to the water, water qualifies to be labeled as a toxin under Proposition 65.

If it costs close to \$400 million to have alternative technologies for our water to be chemically free, it is a small price to pay compared to the \$3.5 billion 13-year build-out of the Hetch Hetchy water system.

After the installation of alternative technologies, we will not have to worry about setting caps on tort damage lawsuits resulting from wrongful death suits against the state, county, and city councils.

Winn Parker is a global medical and bioscience clinical intellectual property venture capital licensing agreement analyst. He is a licensed clinical medical scientist and an expert witness in medical science and biomedical cases, in addition to being a former consultant to the World Health Organization. Parker lives in Milibrae.

You tube: 2017 Banned Documentary tell the

# Safery (MSDS) data for chloramine



#### General

Synonyms: chloramide, chloroamide, monochloramide, monochloramine, monochloroamine, chloroammonia, monochloroammonia
Use: emergency water disinfectant, synthetic intermediate

Molecular formula: H2ClN

CAS No: 10599-90-3

**EINECS No:** 

## Physical data

Appearance: colourless to yellow liquid with a pungent odour

Melting point: -66 C

Boiling point:

Vapour density:

Vapour pressure:

Density (g cm<sup>-3</sup>):

Flash point:

Explosion limits:

Autoignition temperature:

Water solubility: soluble

## Stability

Unstable. Solvent-free material decomposes violently. Light, air and heat sensitive. Reacts with oxidizing agents.

## **Toxicology**

h

May act as a mutagen. Harmful if swallowed or inhaled.

(The meaning of any abbreviations which appear in this section is given http://physchem.ox.ac.uk/MSDS/CH/chloramine.html

# The following are cold Remedies pulled by the FDA from the shelves because of their amine ingredient:

(Medical diseases influenced by amines were and are hemorrhagic stroke or bleeding in the brain, with women at risk more than men, and diabetics, and, cancer chemotherapy patients.)

A-12 Tuesday, November 7, 2000 \*

SAN FRANCISC

#### PPA-AFFECTED DRUGS

Some of the products that contain phenylpropenolamine (PPA):

AcuTrim Diet Gum Appetite Suppressant Plus Dietary Supplements

**AcuTrim Maximum Strength Appetite Control** 

Alka-Seltzer Plus Children's Cold Medicine Effervescent

Alka-Seltzer Plus Cold Medicine (Cherry or orange flavor)

Alka-Seitzer Plus Cold Medicine Original

Alica-Seltzer Plus Cold & Cough Medicine Effervescent

Alica-Seltzer Plus Cold & Flu Medicine Effervescent

Alka-Seltzer Plus Cold & Sinus Effervescent

Alka-Seltzer Plus Night-Time Cold Medicine Effervescent

BC Allergy Sinus Cold Powder

**BC Sinus Cold Powder** 

Comtrex Deep Chest Cold & Congestion Relief

Comtrex Flu Therapy & Fever Relief Day & Night

Contac 12 Hour Cold Capsules

Contac 12 Hour Cold Caplets

Coricidin 'D' Cold, Flu & Sinus

Dexatrim Caffeine Free

Dexatrim Extended Duration

Dexamin Extended Do

Dexatrim Gelcaps

Dexatrim Vitamin C/Caffeine Free Dimetapp Cold & Allergy Chewable Tablets

Dimetapp Cold & Cough Liqui-Gels

Dimetapp DM Cold & Cough Elbdr

Dimetapp Elixir

Dimetapp 4-Hour Liqui-Gels

Dimetapp 4-Hour Tablets

**Dimetapp 12-Hour Extentabs Tablets** 

Naidecon DX Pediatric Drops

Permathene Mega-16

Robitussin CF

Tavist-D 12 Hour Relief of Sinus & Name Congestion

Thinz-Span Capsules Appetite Suppressent

Triaminic DM Cough Relief

Triaminic Expectorant Chest & Head Congestion

Triaminic Syrup Cold & Allergy

Triaminic Triaminicol Cold & Counts

Waigreens brand:

Walhist-D Cold and Allergy Symptoms

Wal-tap 12-Hour Relief of Cold and Allergy Symptoms

Wal-tap Elixir Grape .

Waltussin

SOURCE: Consumer Healthcare Products Association, Essminér aurvay.

Compiled by Exemmer staff and wire services

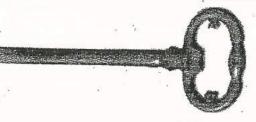
EXAMINER GRAPHICS

Fashion Expocity Council Special Meeting Minutes century to the 1990s. Tickets range from \$12-\$25, ents, \$5 on Sunday. Visit www.vintageexpo.com or 7482.

# ng Family Lock Museum

ystery of the locksmith business at the family-owned n view at the Jehning Family Lock Museum in Mounm everyday house keys to intricately designed locks, ollection spans from the 1600s to the present day. 00 locks and 5,000 keys from around the world, and safes and hundreds of key rings, this is truly a fasum for everyone in the family. All of the museum's pecify the location and era of origin. Look carefully iscover one of your keys' prototypes on the museum nission. Visit www.jehninglockmuseum.com or call

COUPTESY OF JEHNING FAMILY LOCK MUSEUM



# zzling Alexander Ghindin

1 p.m.

y Bay Area renowned anist Alexthe Smithage at Foot-Los Altos e winner i Internanpetition, ly, winner e Internapetition of Brazil, the ll perform sitions by ca, Liadov,



chmaninoff. Discounts available for students and v.steinwaysociety.com or call 408-990-0872.

d the Bay submissions please email: s.com

cials announced Monday.

The State Water Project plans to deliver 20 percent of the requested amounts—a figure that marks a 5 percent increase from its previous estimate in January.

However, it's the second-lowest amount since 1991, according to the California Department of Water Resources, which provides water to districts in the San Francisco Bay Area, San Joaquin Valley, and Southern California.

"It's a big deal, each little amount of water that we get," said Curtis Creel, assistant genSome farmers will have to rely on groundwater or leave fields unplanted.

State officials said large storms in December and February along with careful management have put state reservoirs at higher levels than a year ago.

"We're confident that this water, delivered to local districts around the state, will help offset some economic harm of this extended drought," Mark Cowin, director of the state's Department of Water Resources, said in a statement.

Jeffrey Kightlinger, general

manager of the Metropy Water District of Southerr ifornia, said the slight inc was welcomed, but it doe substantially change the supicture. The district prowater to 19 million Sout California residents.

"Although Metropol continues to maintain w in reserve, we must carei manage these supplies she the drought stretch bey this year," Kightlinger said statement, adding that the trictalso receives water from Colorado River.

# Sonoma Officials Oppose Fluoride in Drinking Water

SONOMA—Sonoma's city council is opposing a proposal to add fluoride to the city's drinking water, after hearing concerns from residents.

The Santa Rosa Press Democrat newspaper reports council members voted 3–2 Monday against the plan to add the cavity-fighting mineral to its water supply. The council will send a letter of opposition to the county's board of supervisors.

Council member Laurie Gallian says she voted against sending the letter because the county was still in the process of researching the fluoridation issue.

County health officials are pushing to add fluoride to the water, saying it is one of the most effective ways to prevent tooth decay and reduce dental care costs.

Fluoride opponents call the mineral dangerous and the science surrounding water fluoridation faulty.

Officials estimate it will cost \$587,000 a year to inject fluoride into the water supply.

From The Associated Press

# Minimum One San Fr Area City Ju

OAKLAND—The minimu wage in Oakland is now the highest in the San Francisc Bay Area.

KPIX reports that on Moi day it jumps from \$9 an hou to \$12.25 an hour under an in tiative that was approved b voters last November.

Labor leaders say there ar roughly 48,000 low-wag workers in Oakland who wil benefit from the wage hike.

Besides more money pe.

# Thieves Crash Truck Into Electronics Store in

SAN FRANCISCO—In the most recent smash-and-grab in San Francisco, thieves again drove a truck into a store and stole high-end merchandise.

KNTV reports that Music Lovers, a high-end music and electronics store, was hit about 4 a.m. Wednesday.

A witness told the television station that he heard the sound of breaking glass and then saw three men in trench coats and ski masks pulling things out of the store and loading up a truck. No one was arrested. Police were looking into whether the burglary was related to at least six similar crimes in the San Francisco Bay Area during the last year.

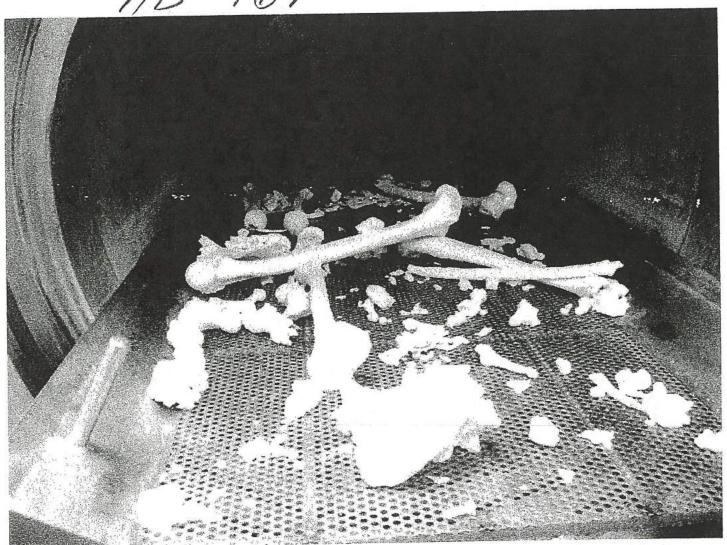
Electronics, high-end clothing, and purses have been stolen during past crimes. In Jan-

Epoch Times march 5-11,2019 OU

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# vernor Signs Law Allowing Californians to Choose to Liquefy Their Assemblyman Bill Quirk: 583-8818 Remains

AB 967



The bones left over after a water cremation. The fragments will be pulverized into a powder, which can be memorialized in an google this urn. (Dean Fisher/ UCLA)

Update, October 16, 2017:

# Update, October 16, 2017:

Gov. Jerry Brown last night signed into law the bill that legalizes a method of disposing of human remains commonly called 'water cremation.'

The method doesn't actually use water, but uses a chemical that speeds up decomposition of bodies and leaves behind only sterile water, bones, and medical implants or devices.

The new law establishes procedures for licensing and regulating mortuaries or other companies that aim to adopt the method, to be overseen by the Cemetery and Funeral Bureau within the state Department of Consumer Affairs.

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overnor Signs and Law bowing (a liternians to rose to liquety Their mains Oct. 16, 2017

Supporters say water cremation offers a green alternative to traditional cremation or burial.

#### Original Story, July 24, 2017:

You may not equate death with climate change, but disposing of human remains leaves a fairly hefty carbon footprint.

Supporters of a California bill allowing dead bodies to be dissolved in a hot chemical bath are hoping to overcome the 'ick factor.'

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WWW. Flyoride Action Network, org

Nov tube: Or: Russell Blaylock: Flyoride's Deadly

Soutube: 2017 Banned Documentary, Secrets

Review Tells The truth about water exposed

# Developmental Fluoride Neurotoxicity: A Systematic Review and Meta-Analysis

Anna L. Choi, Guifan Sun, Ying Zhang, and Philippe Grandjean 1,4

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BACKGROUND: Although fluoride may cause neurotoxicity in animal models and acute fluoride poisoning causes neurotoxicity in adults, very little is known of its effects on children's neuro-development.

OBJECTIVE: We performed a systematic review and meta-analysis of published studies to investigate the effects of increased fluoride exposure and delayed neurobehavioral development.

METHODS: We searched the MEDLINE, EMBASE, Water Resources Abstracts, and TOXNET databases through 2011 for eligible studies. We also searched the China National Knowledge Infrastructure (CNKI) database, because many studies on fluoride neurotoxicity have been published in Chinese journals only. In total, we identified 27 eligible epidemiological studies with high and reference exposures, end points of IQ scores, or related cognitive function measures with means and variances for the two exposure groups: Using random-effects models, we estimated the standardized mean difference between exposed and reference groups across all studies. We conducted sensitivity analyses respirated to studies using the same outcome assessment and having drinkingwater fluoride as the only exposure. We performed the Cochran test for heterogeneity between studies, Begg's funnel pilot, and legger test to assess publication bias, and conducted meta-regressions to explore sources of variation insmean differences among the studies.

RESULTS. The standardized weighted mean difference in IQ score between exposed and reference populations was -0.45 (95% confidence interval: -0.56, -0.35) using a random-effects model. Thus, children in high-fluoride areas had significantly lower IQ scores than those who lived in low-fluoride areas. Sufficiently sensitivity analyses also indicated inverse associations, although the substantial heterogeneity did not appear to decrease.

Conclusions: The results support the possibility of an adverse effect of high fluoride exposure on children's neurodevelopment. Future research should include detailed individual-level information on prenatal exposure neurobehavioral performance, and covariates for adjustment.

KEY WORDS: fluoride; intelligence; neurotoxicity. Environ Health Perspect 120:1362-1368 (2012). http://dx.doi.org/10.1289/ehp.1104912 [Online 20 July 2012]

A recent report from the National Research Council (NRC 2006) concluded that adverse effects of high fluoride concentrations in drinking water may be of concern and that additional research is warranted. Fluoride may cause neurotoxicity in laboratory animals, including effects on learning and memory (Chioca et al. 2008; Mullenix et al. 1995). A recent experimental study where the rat hippocampal neurons were incubated with various concentrations (20 mg/L, 40 mg/L, and 80 mg/L) of sodium fluoride in vitro showed that fluoride neurotoxicity may target hippocampal neurons (Zhang M et al. 2008). Although acute fluoride poisoning may be neurotoxic to adults, most of the epidemiological information available on associations with children's neurodevelopment is from China, where fluoride generally occurs in drinking water as a natural contaminant, and the concentration depends on local geological conditions. In many rural communities in China, populations with high exposure to fluoride in local drinking-water sources may reside in close proximity to populations without high exposure (NRC 2006).

Opportunities for epidemiological stud-

of fluoride from drinking water. Such circumstances are difficult to find in many industrialized countries, because fluoride concentrations in community water are usually no higher than I mg/L, even when fluoride is added to water supplies as a public health measure to reduce tooth decay. Multiple epidemiological studies of developmental fluoride neurotoxicity were conducted in China because of the high fluoride concentrations that are substantially above I mg/L in well water in many rural communities, although microbiologically safe water has been accessible to many rural households as a result of the recent 5-year plan (2001-2005) by the Chinese government. It is projected that all rural residents will have access to safe public drinking water by 2020 (World Bank 2006). However, results of the published studies have not been widely disseminated. Four studies published in English (Li XS et al. 1995; Lu et al. 2000; Xiang et al. 2003; Zhao et al. 1996) were cited in a recent report from the NRC (2006), whereas the World Health Organization (2002) has considered only two (Li XS et al. 1995; Zhao et al. 1996) in its most recent monograph on fluoride.

Registry 2003). Fluoride exposure to the developing brain, which is much more susceptible to injury caused by-toxicants than is the mature brain, may possibly lead to permanent damage (Grandjean and Landrigan 2006). In response to the recommendation of the NRC (2006), the U.S. Department of Health and Human Services (DHHS) and the U.S. EPA recently announced that DHHS is proposing to change the recommended level of fluoride in drinking water to 0.7 mg/L from the currently recommended range of 0.7–1.2 mg/L, and the U.S. EPA is reviewing the maximum amount of fluoride allowed in drinking water, which currently is set at 4.0 mg/L (U.S. EPA 2011).

To summarize the available literature, we performed a systematic review and metaanalysis of published studies on increased fluoride exposure in drinking water associated with neurodevelopmental delays. We specifically targeted studies carried out in rural China that have not been widely disseminated, thus complementing the studies that have been included in previous reviews and risk assessment reports.

#### Methods

Search strategy. We searched MEDLINE (National Library of Medicine, Bethesda, MD, USA; http://www.ncbi.nlm.nih.gov/pubmed), Embase (Elsevier B.V., Amsterdam, the Netherlands; http://www.embase.com), Water Resources Abstracts (Proquest, Ann Arbor, MI, USA; http://www.csa.com/factshects/ water-resources-set-c.php), and TOXNET (Toxicology Data Network; National Library of Medicine, Bethesda, MD, USA; http://toxnet.nlm.nih.gov) databases to identify studies of drinking-water fluoride and neurodevelopmental outcomes in children. In addition, we searched the China National Knowledge Infrastructure (CNKI; Beijing, China; http:// www.cnki.net) database to identify studies published in Chinese journals only. Key

Address correspondence to A.L. Choi, Department of Environmental Health, Harvard School of Public Health, Landmark Center 3E, 401 Park Dr., Boston, MA 02215 USA. Telephone: (617) 384-8646. Fax: (617) 384-8994. E-mail: achoi@hsph.harvard.edu

Supplemental Material is available online (http://dx.doi.org/10.1289/ehp.1104912).

We thank V. Malik, Harvard School of Public Health, for the helpful advice on the meta-analysis methods.

This study was supported by internal institutional unds.

The authors declare than have an army

# Poisons All Around Us: What You Need to Know

Tap Water Is Dangerously Polluted

Despite decades of effort to clean up lakes, streams, and groundwater — and regulations and laws that have been passed to reduce industrial pollution of water supplies — new forms of pollution are being discovered daily.

On one hand, we are told by local and federal health authorities that municipal drinking water supplies are cleaner and healthier than ever. Yet there are reports, usually buried within documents not readily available to the public, indicating that major problems still face us — and that they may be getting worse.

With the massive industrialization that followed World War II, hundreds of thousands of synthetic chemicals were manufactured. Tons of these chemicals were dumped in lakes, streams, and rivers

In the ensuing decades, scientists discovered that a significant number of these chemicals are carcinogenic — that is, over years of exposure they can cause cancer in animals and humans.

The most significant carcinogens in the water

#### Best Way to Filter Water

Water can be filtered by reverse osmosis, ceramic filtration, silver-impregnated filters, or multilayered filter systems, all of which have their advantages.

The big problem with most filters is that they do not remove fluoride. Reverse osmosis filters remove fluoride, but they have to be changed every three months because fluoride burns holes in the filter.

Based on my studies, the best way to purify water is to distill it. Some will say that distilling water removes the beneficial minerals, but these can either be taken as separate supplements or can be added to water later. And that, in fact, is what many manufacturers of bottled water do.

Distilling creates water with a neutral pH, kills all microorganisms, and removes fluoride as well as other harmful metals. The one problem is that the volatile chemicals are condensed in the final water container.

To solve this problem, the better distillers have a carbon filter to remove volatile gases during the condensation process.

supply include:

- Arsenic
- · Herbicides
- · Pesticides
- Fungicides
- · Industrial by-products

These chemicals have all been linked to increased rates of lung, bladder, stomach, brain, and colon cancers.

In addition, the chlorination of drinking water can lead to formation of chloride-organic combinations called organochlorine compounds. Many of these compounds have also been shown to be toxic to cells and cause cancers.

Other contaminants — especially aluminum, lead, and copper — can have profound effects on health.

Compelling evidence indicates that aluminum in water is associated with a significantly increased risk of Alzheimer's disease, especially if the water also has fluoride added to it.

Another link between water fluoridation and metal toxicity concerns the levels of lead in water. It has been demonstrated that elevated levels of lead are responsible for a number of adverse health conditions, including:

- Hypertension
- Anemia
- · Accelerated hardening of the arteries
- · Increased violent behavior
- · Loss of impulse control (e.g. "road rage")
- · Increased suicide rates
- Learning problems
- · Increased homicide rates

Even small elevations in blood lead levels, as low as 10 micrograms per liter and possibly as low as 5 micrograms per liter, can produce adverse behavioral effects.

In recent years, there has also been more concern about our water supplies being infiltrated by chemicals in pesticides called xenoestrogens, which act like estrogens.

These compounds interact with the body's estrogen receptors, and may increase the risk of breast cancers, cause early and overdevelopment



POLITICS Priebus scheduled for Panetta Lectures





ENVIRONMENT Jerry Brown touts plan for more electric cars ocal » Az



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TECHNOLOGY

# Monterey wrestles 'small cell' conundrum

Companies say they're the wave of the future, residents concerned with health risks

By Kimber Price

newsroom@montereyherald.com

wind through the suburban been postponed or cancelled Monterey Vista neighborhood, even as a rush of letters to loexclaiming "No cell towers."

In Via Pariaso Park, posted cell phone towers. flyers show the proximity of the

area. After two standing-room effects and visual blight. only meetings last year where residents aired complaints, fur-

proposed cell phone antenna tinue to voice objection to the acceptable limits. sites to the five schools in the installation of 13 small cells -

standalone individual cellular transmission sites - in the Monterey Vista neighborhood, citing reasons such as fear of radiation

But ExteNet Systems, the com-MONTEREY » Tree-lined streets ther municipal meetings have these cell sites, says this techpany that has applied to install nology is needed to improve services and allow future expanevery other curve hosting a sign cal media protest the installa- sion. And the Federal Commution of these "next generation" nications Commission has ruled that the health risks associated Many Monterey residents con- with the cell sites are well within



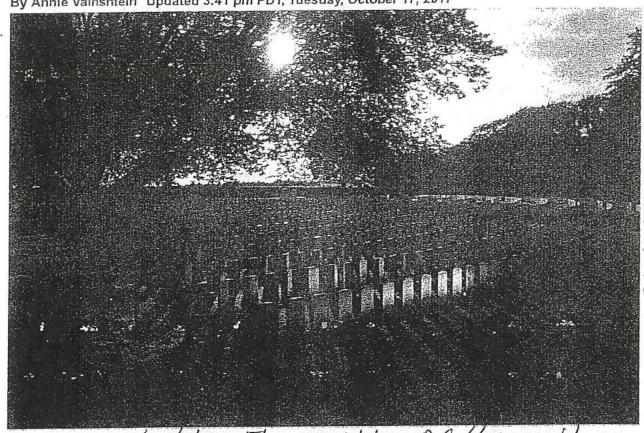
A banner against the proposed cell towers hangs on a fence of a Via Encina home in Monterey.

VERN FISHER - MONTEREY SFGATE at 5 6 hearings.

https://www.sfgate.com/news/article/California-legal-water-cremation-alkaline-burial-12285298.php
You tube: The Dungers Of 565 The Wireless 1CT-work

California just made it legal to liquefy a corpse

By Annie Vainshtein Updated 3:41 pm PDT, Tuesday, October 17, 2017



You tube: The cooking of Humanity

Water cremation, or alkaline hydrolysis, is an eco-friendly alternative to traditional forms of dealing with the dead, like burial or flame cremation.

bu tube: Deborah Tavares



TOP O' THE BAY DAILY NEWSLETTER

SFGATE's top stories from across the Bay Area.

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Look up the rest of article You tube:

As early as 2020, Californians will be able to pursue a new option for end-oflife remains: water cremation.

On Sunday, Gov. Jerry Brown signed AB 967, a controversial bill that's been making the rounds around the nation over the last several years. It makes it legal to dispose of human remains through a process commonly referred to

City Council Special Meeting Minutes April 9, 2019 11, MICrowaves and the Consequences to SUNDAY, JUNE 11, 2017 6 rothers word for Trump 3/19 Bill would turn California utility poles into cell towers Look around you and see the leaning, bowing Most utility poles will become poles next to homes and buildings, hanging cell towers under Senate Bill over streets and sidewalks. Malibu Mayor 649. The bill strips municipal governments of decision-making Andy Stern called these time bombs. Add more Spaced approximately evgear, multiply the number of poles impacted, ery 10-20 homes, cell antennas will hang in one or more clusand what will be the result? ters on utility or light poles. stop smart meters.org / 58649 Equipment cabinets the size of refrigerators, with cooling same pole and higher radiation fundraising events for the Califans and back-up generators, will sit on sidewalks. Towers fornia Senate and Assembly Do you have a utility pole members. How many members will be located in the public of the public can afford to buy in your back yard or along right of way a few feet from your fence line? That utility bedroom windows, offices, a politician? easement on or through your SB 649 is effectively eminent schools, hospitals and nursing property means they can put domain, taking the public's anything on that pole. Un-Called "small cells", there right of way for another use. dergrounded utilities in your The public has not agreed to is little difference in size for neighborhood? New poles will cell towers in their front yard, many of these antennas; the be erected, or antennas will be chief difference is the location but the bill states this is not a mounted on homes. AT&T's municipal affair. on utility poles versus large new service agreement says you Remember the Malibu fires, towers. Measurements of these must agree to anything they where officials evacuated the cell towers recently taken in want to install on or in your Palo Alto found high levels of city? This was caused by utility home (complain to the CPUC if radiation on the sidewalk below poles overloaded with telecommunications equipment you disagree). them — levels higher than Impacts to agriculture will AT&T, Sprint, Verizon, and those associated in research be costly, with documented efwith breaches in the bloodfects from microwave radiation brain barrier, free radical for-Look around you and see to bees and other pollinators mation, DNA damage, cancer the leaning, bowing poles alarming international sciennext to homes and build-. and tumors, and heart rhythm tists. Industrial ag is already ings, hanging over streets disturbances. impacted by dying bees from and sidewalks. Malibu Mayor What the levels are inside other causes. Damage to trees Andy Stern called these buildings a few feet away and and plants is also documented, time bombs. Add more gear, in line with the antennas is multiply the number of poles but the Legislature ignores anyone's guess. all of this and the costs to the impacted, and what will be the This 24/7 exposure of the public. most vulnerable, including SB 649 is being rushed The FCC's website says children, is ignored by the through the legislature before there are no federal standards California Legislature. This the public finds out. It has for microwave radiation expoisn't surprising since Capitol already passed the Senate. If you sure. FCC exposure guidelines Weekly named AT&T lobbyist don't want cell towers next to Bill Devine the 16th most powwere derived from industry, and your home and office, take action there is no policing or complierful person in Sacramento before it's too late. ance testing of cell towers. last year. CTIA — the wireless industry — is the listed source of SB 649. And the telecom in-Many exceed federal limits Nina Beety is a writer and according to two surveys. Once educator and member of dustry hosts the Pro Tem Cup installed, you're stuck, and due the California EMF Safety in San Diego and Speakers to federal laws, every company Committee. She lives in has to be allowed access to a Cup in Pebble Beach — lavlocation, even if that means the Monterey ish, hush-hush lobbying and You tube: Wifi, Microwaves & the Consequences You tube: Agenda 21. The Plan to Kill You-David Icke

# ILLEGAL CLIMATE ENGINEERING OPERATIONS ARE BEING CARRIED OUT WITHOUT PUBLIC KNOWLEDGE OR CONSENT

Government officials and Geoengineers have long since proposed spraying 10-20 MILLION TONS of highly toxic heavy metal and chemical aerosols into the atmosphere annually as a form of climate change mitigation. Though the blatantly obvious ongoing sun blocking "solar radiation management" programs are officially denied, all available data confirms full deployment of global geoengineering occurred decades ago with increasingly catastrophic consequences.



Color spectrums captured behind particulate dispersing aircraft makes clear the fact that we are not seeing "condensation trails".

All military tanker jets and all commercial jets use "high bypass turbofan jet engines", a jet powered fan that is nearly incapable of producing any condensation trails except under rare and extreme circumstances.

What are the known consequences of ongoing climate engineering operations?

#### GEOENGINEERING IS:

- · Further fueling the overall warming of our planet: SRM aerosol cloud canopies trap more heat than is deflected by SRM programs.
- Contributing to extreme drought, flooding, and storms: Global geoengineering has completely disrupted the planetary hydrological cycle and thus weather systems all around the world.
- Creating engineered cool-down zones and snow storms:

Patented processes of "chemical ice nucleation for weather modification" are creating severe weather whiplash scenarios.

Destroying the Earth's vital ozone layer:

Geoengineering particulates and associated microwave transmission atmospheric manipulation are decimating the ozone layer. This is allowing extremely dangerous levels of UVB and UVC radiation to reach Farth's surface.

Accelerating Forest devastation, die-off, and forest fire increases:

Completely disrupted rain eyeles, extreme UV radiation, toxic heavy metal fallout saturation of soils, more dry lighting, and incendiary dusts (from fallout) coating foliage, all are the result of geoengineering.

Alarming honeybee die-off:

Peer reviewed science studies have now proven that massive aluminum contamination is killing bees. Again, the primary climate engineering element named in patents is aluminum.

Radically accelerating human degenerative and neurological diseases:

Alzheimer's, dementia, autism, ALS, COPD, asthma, allergies, bronchitis, lung eaneer, heart attack (and countless other forms of disease) are directly associated with toxic atmospheric particulate pollution, exactly what climate engineering solar radiation management programs create.

Contributing to unprecedented species die-offs:

We are now in the 6th great mass extinction on our planet with up to 300 species of plant, animal, and insect extinctions every single day. This is 15,000 times the background extinction rates.

HISTORICAL DOCUMENTS AND DATA PROVES THAT GLOBAL CLIMATE ENGINEERING PROGRAMS WERE FULLY DEPLOYED IMMEDIATELY AFTER WWII AND HAVE BEEN STEADILY RAMPED UP SINCE. NOT A SINGLE ENVIRONMENTAL OR HUMAN HEALTH IMPACT STUDY HAS EVER BEEN DONE TO DOCUMENT THE DEVASTATION BEING INFLICTED ON THE ENTIRE WEB OF LIFE FROM THE ONGOING ILLEGAL GEOENGINEERING ASSAULT.

Populations (and all life forms) around the world have been completely betrayed by the governments, agencies, and experts they have been trained to believe existed to protect them. The corporate media is also a primary accomplice in the ongoing climate engineering cover-up. Any and all entities / individuals that are in any way associated with the illegal geoengineering operations must be fully exposed. Once exposed, all such entities / individuals must be held legally and morally accountable for their part in the climate engineering atrocities.



Military tanker jets are not the only aircraft involved with climate engineering operations. Countless commercial jet aircraft have now been retrofitted with spray nozzles aimed into the exhaust stream (though commercial carrier personnel do not appear to be directly involved with the geoengineering operations).



Massive plumes of climate engineering particulates are being dispersed by jet aircraft all over the globe, this is not condensation.



If you think there are only passengers commercial jet aircraft, think again. Commercial carrier personnel are not directly involved.



ENGINEERING THE CLIMATE: RESEARCH NEEDS AND STRATEGIES FOR INTERNATIONAL COORDINATION

REPORT

CHAIRMAN BART CORDON COMMITTEE ON SCIENCE AND TECHNOLOGY U.S. HOUSE OF REPRESENTATIVES

> ONE HUNDRED ELEVINAN CONCRESS SECOND SLASION OCTOBER 200

Countless official documents exist which confirm the ongoing global climate engineering / weather warfare assault. The congressional document

shown is only one example.



Investigate inarguable climate engineering facts and film footage at

GeoEngineeringWatch.org

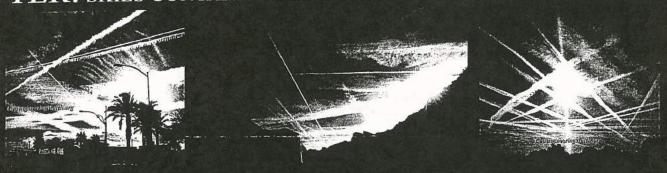
City Council Special Meeting Minutes

# GLOBAL CLIMATE MODIFICATION PROGRAMS ARE THREATENING ALL LIFE ON EARTH

BEFORE: SKIES UNTAINTED BY CLIMATE ENGINEERING



AFTER: SKIES CONTAMINATED BY SOLAR RADIATION MANAGEMENT



NASA satellite images clearly reveal microwave transmission manipulation of aerosolized clouds



Climate engineering is further fueling record drought, deluge and overall biosphere disintegration



GeoFngineeringWatch org



Meg McGraw-Scherer, Chair



#### **MISSION**

The Housing Commission is charged primarily with advising the City Council on matters involving housing policy, including the Below Market Rate housing program and other housing goals.

#### Commissioners:

- Meg McGraw-Scherer (Chair)
- Nevada Merriman (Vice Chair)
- Juliana Dodick
- Karen Grove
- Michele Tate
- Wendy McPherson
- Rachel Horst



# **ACCOMPLISHMENTS**



- Held 8 regular monthly meetings and 1 community meeting
- Reviewed and approved 2 BMR development term sheets
- Created and implemented new work plan related subcommittee (SDU's)
- Recommended a "Tenant Relocation Assistance" ordinance
- Recommended an "Anti-Discrimination" ordinance
- Updated work plan (housing priorities)
- NOFA Issued in December 2018 (criteria development)
- Participated in the biennial homeless count
- Provided support for City Council study session on homelessness



# **SUBCOMMITTEES**

- Below Market Rate Housing Guidelines
- Housing Policy
- Marketing and Outreach
- Notice of Funding Availability
- Secondary Dwelling Unit



# **ENHANCED HOUSING POLICY PRIORITIES**

Priority 1 projects	Status
Recommend reduced parking requirements for affordable units within close proximity to transit	Pending
Amend BMR Guidelines to allow BMR homeowners to sublet rooms to BMR renters	Pending
Recommend a "Tenant Relocation Assistance" ordinance	Completed
Adopt "Home for All" resolution	Completed
Promote home sharing programs (HIP Housing)	Ongoing
Preservation of "naturally affordable" market rate units through conversion to BMR deed restricted units (e.g. First Right of Refusal)	Pending
Promote secondary dwelling units (moved up from 2 to 1)	In progress

# **ENHANCED HOUSING POLICY PRIORITIES**

Priority 2 projects	Status
Promote "First Hire" program	Completed
Recommend a "Tenant Displacement Fund"	Completed
Review and draft policy on short term rentals (moved from 3 to 2)	Pending

Priority 3 projects	Status
Consider mandatory nonbinding mediation programs	Completed
Consider anti-retaliation protections	Pending
Recommend housing rehabilitation loan/grant programs	Pending
Develop rental housing best practices	Pending



## **FUTURE WORK PLAN PRIORITIES**



- Currently Listed Priorities
  - Review applications for funding received from recent Notice of Funding Availability (NOFA) and make recommendations to Council
  - Amend BMR Guidelines to allow BMR homeowners to sublet rooms to BMR renters
  - Promote secondary dwelling units
  - Review and draft policy on short term rentals
- Priorities to be Further Vetted
  - BAE nexus fee study review & recommendations
  - Affordable housing supply increase ideas/incentives
  - Other tenant protection ordinances





# **QUESTIONS**





- □ Role of F&A Committee
- Current Status and Recommendations re
  - Audit Report
  - Investment guidelines
  - Capital expenditure reporting protocol and communications
  - Financial IT Recommendations
  - Pension costs
  - Budget document & process
  - Consultant/Contractor policies
  - FAC meeting schedule
- □ Future Agenda Items for FAC





## **Role of F&A Committee**

The F&A Committee is charged primarily to support delivery of timely, clear and comprehensive reporting of the City's fiscal status to the community at large.

## **Specific focus areas include:**

- Review the process for periodic financial reporting to the City Council and the public, as needed;
- Review financial audit and annual financial report with the City's external auditors;
- Review of the resolution of the prior year audit findings;
- Review of the auditor selection process and scope, as needed.

City Council Special Meeting Minutes

# 2:0°418 Audit & Reporting Process

- □ STAFF submitted 2018 audit report directly to Council without FAC review
  - FAC was not able to identify the issues and make recommendations
  - Residents had one Council meeting to ask questions/raise concerns
- □ Recommendation
  - Staff submits audit report to FAC before it goes to Council.
  - FAC discusses the document at a publicly noticed FAC meeting.

# CITY OF MENLO PARK, CALIFORNIA COMPREHENSIVE ANNUAL FINANCIAL REPORT

Successor Agency, as of that date. Housing loans are reported as assets in that governmental fund, but all other assets and liabilities are held in trust capacity in a fiduciary fund. Unlike agency funds, trust funds report an "income statement". As such, the activity of the Successor Agency Trust from 2014-15 is reported in the Statement of Changes in Fiduciary Net Position. Because the transferred debt exceeded the transferred assets of the former agency when this trust was established, the fund ended the 2011-12 fiscal year with a negative net position of \$26.84 million. Continued disposition of assets of the former community development agency in led to extraordinary losses in the amount of \$17.15 million in 2012-13 and \$7.37 million in 2013-14. As of June 30, 2018, the fund's net position was a negative \$3.07 million, a positive improvement over the June 30, 2017 net position by \$2.80 million. For additional information on this trust fund, please see Notes 6 and 17 to the financial statements. It is important to note, however, that because the net negative position is primarily a function of long-term liabilities (debt service), which will be paid by future property tax revenues in the former redevelopment project area, there is no impact on the primary government's current or future financial position.

#### DEBT ADMINISTRATION

As of June 30, 2018, the City's debt obligations were comprised of General Obligation Bonds. The City's two voter approved "Measure T" general obligation bonds had a balance of \$17.48 million as of June 30, 2018. Of this amount, \$7.50 million is outstanding on the 2012 General Obligation Bond refunding and \$9.98 million is outstanding on the 2009 A and 2009 B General Obligation Bonds.

In October 2015, the City's Community Development Agency issued Tax Allocation Refunding Bonds in a par amount of \$60.3 million for the purpose of refunding at lower interest rates outstanding 2006 Las Pulgas Project Tax Allocation Bonds. The original bonds had been issued to finance capital project of benefit to the Las Pulgas Community Development Project Area. With the dissolution of redevelopment agencies in 2012, this bonded debt is no longer reported in the Government Wide Financial Statements. These obligations are included in Fiduciary Fund Financial Statements. Additional information on the City's long-term debt can be found in Note 6 of this report.

As disclosed in the Notes to Basic Financial Statements, obligation to provide post-closure care of the landfill at established a revenue steam to fund landfill post-clos require the calculation and recording of the liability association to the Christ to long-term debt, at an estimate the reporting of the Christ long-term debt, at an estimate.

#### CAPITAL ASSETS

The City's investment in capital assets for its governmer 2018 amounts to \$372.23 million, net of accumulated c includes land, buildings, improvements, machinery and progress. Infrastructure assets are items that are normall as roads, bridges, streets and sidewalks, drainage system Substantial Fiduciary Net Foolities have 38, 2019



ne 30, 2018



City of Menlo Park Notes to Basic Financial Statements, Continued For the year ended June 30, 2018

#### 6. LONG-TERM DEBT

#### \* I --- Y--- OM----

Summary of changes in long-term debt transactions for the year ended June 30, 2018 was as follows:

	fulation July 1, 2007	Additions	Deletions	State 20, 2018	Diar within one year	Drantn more than one year
Governmental Activities 2007 A General Obligation Bonds	5 625,000		\$ (75,000)	\$ 620,000	1 75.666	S 545,000
2009B General Obligation Femilia	9,342,000			1.341,000		9,360,000
Promism on 2009 General Obligation Books 2012 General Obligation	54,079		(2,499)	\$2,480		52,480
Estanding Bonds  Discount on 2003 Coneral	7,865,000		(365,000)	7,566,000	380,000	7,120,000
Obligation Bookle	(53,451)		3,494	(1876)		(69,766)
Total governmental activities	8 17/821/527	1	\$ (498,813)	5 17,482714	5 475,000	\$ 17,022,714
	Salanco 12,017	Address	Deletions	Balanco 43,281	Due within one year	Due in more than one year
Fiduciary Activities 2015 Los Pulgas Project Tax Allocation Bonds	5 48290,000	*	5 (3.140,000)	5 45250,000	3 3190,000	5 42.000,000
Promints on 2015 Los Pulgos Project Tax Allocation Bonds	7,863,300		(629,064)	7,294,296	4	7204200
Total lidiniary activities	\$ 56253,300	3 -	\$ (3,769,064)	5.52.484,236	3 3,290,866	\$ 49294236

#### M09 General Obligation Bonds

On July 1, 2009, the City isomal a second series of the "Moscame T" General Obligation bands in the amount of \$10.440,000. The financing was used to fund new recreation facilities, specifically, a new gymnasium and new gymnasium center on the Burgess campus. The decision to include Build America Bondo (BABs) in the financing allowed the City to generate an additional \$1,049,000 over the tax exempt bonds. The overall "fuel) isomance conf' for the review sus AsSAS.

The Series A (Tax Exempt) Bonds totaled \$1,080,000; the (serial) bonds bear an annual interest of 5% and mature annually from 2010 to 2024 on August 1 in amounts ranging from \$10,000 to \$100,000.

The Series B (Taxable Baild America) Bonds totaled 59:360,000; the (term) bonds bear an annual interest at rates between 6:82% and 7:02% and mature annually from 2025 to 2009 on August 1 in amounts ranging from \$11,000 to \$1,055,000.

City of Monto Park 701 Laurel St., Mento Park, CA 94025 tel 6

17

To a copoung house but Toward Amount.



# Investment Policies & Communication

## Current

- City advice from only one investment advisor
- Quarterly investment reports include securities investment type, value and yield
- Residents do not have insight in which industries the City invests

## Recommendations

- Split investments between multiple financial advisors to potentially maximize returns
- Add metrics or benchmarks to policy
- Increase transparency by posting easy to find and understand investment information
- Add industries invested in to quarterly investment reports



# Approve FAC recommendations in Sept. 10 2018 memo

- Issue a separate Capital budget document and update it quarterly
- Improve Capital Project Prioritization Process
  - ✓ Tighten and refine prioritization criteria
  - ✓ Include Council priorities and impact to General Plan
  - ✓ Include metrics and weights to ensure consistency among the decisions.
  - ✓ Create a more representative CIP Committee that includes residents
  - ✓ Include project prioritization details in annual budget document
- Maintain a running list of Future CIP projects
- Add visual information to enable easy digestion of reports

#### Supplementally for Harit Special Meeting Minutes

See Staff Report 13:092-cc for more details. While possible lots have been identified, the only use that complies with the current 2age 60 parking plazas is at-grade parking or structured parking. Limited staff capacity is causing project delays. By December 31, 2018, staff plans additional community outreach based on City Council direction and City Council funding of next steps.

#### **Funding Sources Schedule**

Funding Source	Prior Years	FY 2018 Budget	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	5 Year CIP Total	Beyond 5 year CIP	Total
Capital Improvement Fund	N/A									
Bond Measure	N/A									
Transfer from General Fund	N/A									
Total	N/A									

#### **Expenditure Schedule**

Project Phase	Prior Years	FY 2018 Budget	FY 2018 Estimate	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	5 Year CIP Total	Beyond 5 year CIP	Total
Design	N/A										
Construction	N/A										
Total	N/A										

#### Operating Impact

This project is not anticipated to impact operating expenses.

	Complete Streets Commission
elationship to El Camino eal/Downtown Plan	Transportation Master Plan Oversight and Outreach Committee
	Planning Commission
•	eal/Downtown Plan



Project Number: \_\_\_\_\_ Managing Department: Public Works New Project Start Date: \_\_\_\_ Planned Project Completion: \_\_\_ Project's Estimated Total Cost: \$11-46M Capital Budget for FY2018: \_\_\_\_ Project's Percent of FY2018

# CIP PROJECT PAGES

- Public needs ability to find information on each Capital project
- Project Detail Pages need the following information

# **Project "Snap Shot"**

- Location
- Managing department
- Unique project number
- Initial/Revised Project Start/Completion Date
- Relevant supplemental information
- Significant changes (if relevant)
- Operating impacts (if relevant)
- Relationship to General Plan
- PotentialCommission/Committee Review

# **Project Details**

- Project Name
- Picture
- Description
- Justification
- Funding Source Schedule
- Expenditure source schedule

Projects without this information should not be approved

City Council Special Meeting Minutes April 9, 2019 Page 68

#### Current

- The data is not always current
- The data is limited
- · Cannot access financial data real time
- Existing data cannot be analyzed from different angles
- The old and the new data systems are not integrable, making it difficult to process
- Current IT Master Plan does not include Finance
- The current IT Master Plan does not include deliverables or metrics, only activities

#### Recommendations

- Update Financial IT systems to allow for timely efficient reporting and communication to residents.
- Solution needs to deliver real-time access to data which can be sliced in different ways
- Add Financial IT System update to IT Infrastructure plan
- Expedite Financial IT update to increase efficiencies, reporting, and transparency

# Information Technology Infrastructure & Reporting: Delivers Transparency

Approved 2016-2022 Operating and Utilities Annual Budgets (as of Dec 31, 2018)

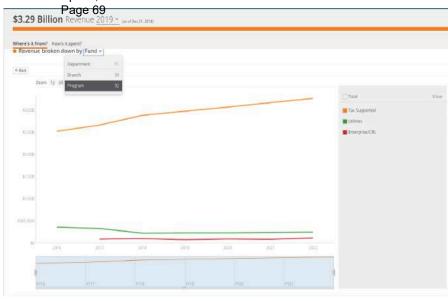


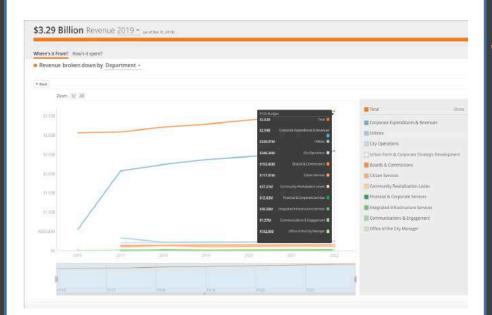


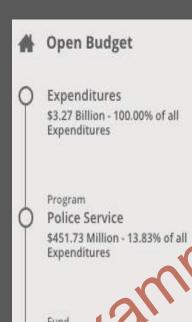


#### City Council Special Meeting Minutes

April 9, 2019



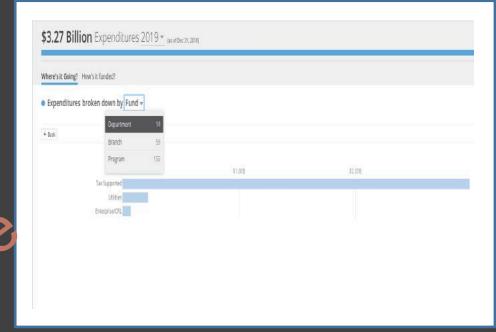


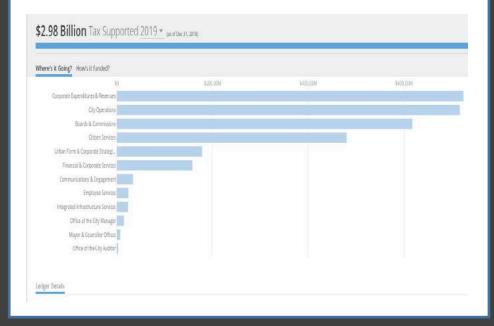


Fund Fax Supp preed \$151.73 Million - 13.83% of all Exp. Aditures

Department Boards & Commissions \$451.73 Million - 13.83% of all Expenditures

Police Service \$451.73 Million - 13.83% of all Expenditures





City Council Special Meeting Minutes April 9, 2019 Page 70



# Pension Costs

#### Current

- FAC has concerns about unfunded pension liability and its computation as currently reported
- Unfunded pension liability computed by regulations as established by CalPers greatly understate the actual liability
- Pension-related reports are going directly to Council without first being reviewed by financial professionals serving on the FAC

#### Recommendations

- Compute liability using realistic discount factors (now 4.7%)
- FAC is provided with the Planned Budget Strategy for Unfunded Pension Liability 19-038-CC, and other similar reports before reports go to Council

# Budget Documents & Process

#### Current

- Budget document includes wordy sentences, unnecessary commentary and pictures
- Result is a long and difficult-to-follow document that makes it tough to understand the City's financials

#### Recommendations

- Make report more accessible with better organization and meaningful charts and graphs to present information visually
- Write concisely. Edit more to remove unnecessary words, sentences and irrelevant details
- Remove repetitive and redundant content
- Separate facts from analysis. Avoid generalizations and mixing facts with subjective conclusions
- Make preliminary budgets publically available at the beginning of the calendar year
- Design and implement a budget process that better involves the public

EXPENDITURES (ALL FUNDS)	City Manager's Transmittal Le	stite
EAFENDHURES MEE FUNDS!	The state of the s	

5324,482

\$1,348,839

ersonnel		
Regular salaries	\$938,411	\$895,258
Temporary salaries	2,701	60,599
Overtime	755	2,549
Vacation cash-out	19,009	65,951
SALARIES AND WAGES SUBTOTAL	\$960,876	\$1,024,357
CalPERS Pension	155,632	154,631
Insurances (health, dental, vision, life, medicare)	113,199	122,410
Workers' Comp, OPEB allocations, other	74,520	47,441

#### FROM VISION TO FRUITION

The community's vision of the Iture is coming to fruit on and has resulted in a favorable financial position for the City's General Fund in fiscal year 2018–19 and going forward. The budg at and analysis in this document reflects staff's best estimate of revenue and expenditures based on information available as of the budg at preparation. Staff is mindful that drianging economic times can impact bey revenues, such as transient occupancy toxes, and staff dosely monitors these revenues for oatly warning signs that may require corrective action in the City's budget.

While the community's vision of the future is a culmination of engaged residents and active business partiers, current and past City. Council deserve the credit for decisions that have resulted in significant achievements and the City's financial stability. In addition, the Finance and Audit Committee has worked dosely with staff to identify areas of improved financial communication such as the revised 10-year forecast model to help the City Council and communications about unfunded obligations such as pension and capital improvements.

#### perating

FRINGE BENEFITS SUBTOTAL

PERSONNEL SUBTOTAL

PENDITURES	\$1,758,183	52,140,794	\$2,709,326	\$1,944,976	\$3,397,138
N-OPERATING SUBTOTAL	\$0	\$1,929	\$5,000	\$2,000	\$5,000
Tapital (incl. carryover)	8	1,929	5,000	2,000	5,000
operating					
OPERATING SUBTOTAL	\$453,957	\$790,026	\$1,318,764	\$671,096	\$1,405,139
Utilities	12,940	14,795	15,245	18,264	16,34
Travel	28,048	45,174	47,400	42,015	54,15
Special projects expenditures	1,500	78,764	31,123	16,100	50,08
Services	211,810	337,878	762,000	157,510	820,00
Repairs and maintenance	4,169	3,728	5,775	6,290	5,77
Operating expense	195,490	309,688	457,221	430,917	458,78

\$343,351

\$1,304,227

	\$1,758,183	52,140,794	\$2,709,326	\$1,944,976	\$3,397,138
	4	166,174	217,572	63,029	249,889
		201,809	280,301	150,893	408,084
	\$1,758,183	\$1,772,811	\$2,211,453	\$1,731,054	\$2,739,165
Y FUND					

# Current

- Awards to Consultant are not searchable and identifiable by residents
- Potential for actual or appearance of conflicts of interest

# Recommendation

- Each consulting contract should be easy to find and details understandable
- Staff post a report on the City's website showing payments to consultants and contractors over \$50,000 cumulative threshold for the fiscal year
- Maintain and post on City's website page a running list of all awarded contracts and their dates, subjects, and sums for the last 10 years
- Consider asking STAFF to annually prepare a summary report for all consulting contracts for the fiscal year



COTY OF MENLO PARK

## REEMENT FOR SERVICES BETWEEN CITY OF MENLO PARK AND IDAX DATA SOLUTIONS

#### NESSETH:

EREAS, CITY desires to retain FIRST PARTY to provide certain professional services for CITY in nection with that certain project called: On-Call Traffic Data Collection Services

EREAS, FIRST PARTY is licensed to perform said services and desires to and does hereby ertake to perform said services.

N, THEREFORE, IN CONSIDERATION OF THE MUTUAL COVENANTS, PROMISES AND IDITIONS of each of the parties hereto, it is hereby agreed as follows:

#### PE OF WORK

pnsideration of the payment by CITY to FIRST PARTY, as hereinafter provided, FIRST PARTY ses to perform all the services as set forth in Exhibit "A," Scope of Services.

#### IEDULE FOR WORK

sset forth in Ext ritten reports, to the other responduts, accidents conts.

"Notice to Proce in, except as off ITY all project re ST PARTY's acti

#### SECUTION OF

PARTY will en the work in vvices). Departmental Summaries

Table Decontents OPLING

City Attorney

#### VERVIEW

Appointed by the City Council, the City Attorney is the chief legal officer of the City performing duties outlined in the Municipal Code as well as other responsibilities required by the City Council. The City Attorney's Office also overses the efforts of outside councel for insured tort defense cases and matters requiring specialized legal expertise.

I La	1.0	
otal requested budget	\$0.84 million	
anding sources	Enterprise Fund General Fund Internal Service Fund Special Revenue Fund	

	2014-15	2015-16	2016-17	2017-18 Est.
CITY ATTORNEY WORKLOAD INDICATORS				
City contracts reviewed	183	185	180	245
City Council meetings attended	40	28	35	27
City ordinances adopted	7	7	21	20
City resolutions adopted	66	04	20	75

#### ▼ Menlo Park Finance and Audit Committee Agenda Dec 3, 2018 — Posted Nov 29, 2018 12:00 am December 3, 2018 Finance and Audit Committee Meeting Cancellation Notice Oct 15, 2018 — Posted Oct 9, 2018 4:37 pm October 15, 2018 Finance and Audit Committee Meeting Cancellation Notice Sep 10, 2018 — Posted Sep 7, 2018 12:00 am September 10, 2018 Finance and Audit Committee Special Meeting Agenda Jul 31, 2018 — Posted Mar 8, 2019 10:15 am July 31, 2018 Finance and Audit Committee Special Meeting Agenda Jul 27, 2018 July 27, 2018 Finance and Audit Committee Meeting Cancellation Notice May 30, 2018 — Posted Mar 8, 2019 10:14 am May 30, 2018 Finance and Audit Committee Special Meeting Agenda Apr 20, 2018 — Posted Mar 8, 2019 10:13 am April 20, 2018 Finance and Audit Committee Meeting Agenda Mar 5, 2018 — Posted Mar 8, 2019 10:13 am March 5, 2018 Finance and Audit Committee Special Meeting Agenda Jan 26, 2018 — Posted Mar 8, 2019 10:13 am January 26, 2018 Finance and Audit Committee Special Meeting Agenda

# FAC meeting schedule

#### Current

 Due to conflicts of schedule, quorum was not met for several FAC meetings leading to delayed actions

#### Recommendation:

- Hold regular meetings the third Wednesday of February, May, August and November, following a council meeting
- Hold meetings in evenings
- Hold special meetings as needed



## Summary



## FAC requests that Council approve FAC Recommendations in this presentation

- 1. Require that major financial reports be reviewed by FAC, at publicly noticed meeting, before they go to Council.
- 2. Direct the Finance Department to start using at least two investment advisor to maximize City's potential investment earnings.
- 3. Direct Finance Department to post easy-to-understand investment information at the City's website
- 4. Approve CIP-related recommendations in Sep 10, 2018 Memo.
- 5. Expedite the updating of the IT Infrastructure and IT Master Plan
- 6. Direct Staff to direct the City's actuarial consultant to start computing Pension liability using discount factors of 0%, 2%, 3%, 4% and 5%.
- 7. Direct Finance Department to follow FAC recommendations for the annual budget document and a process that better involves the public
- 8. Direct Finance Department post a running list of current and prior awarded consulting contracts in an easy-to-find and search manner



#### Members

Name	Email	Phone	Term expires
Drew Combs, City Council	Email	650-924- 1890	December 10, 2019
Ray Mueller, City Council	Email	650-776- 8995	December 10, 2019
Roger Royse	Email	n/a	April 30, 2020
Ron Shepherd	Email	408-526- 1112	April 30, 2019
Soody Tronson	Email	650-257- 3913	April 30, 2020

## FAC Member Make Up

## Current

 Due to potential conflicts in voting position during FAC meetings versus Council meeting, council members may not be able to vote on all issues at FAC meetings

## Agenda Item

- Consider adding 2 more resident members, for a total of 5, to the FAC
- Consider appointing non-voting Council member liaisons instead of voting members

# Committee Meeting Minutes

#### Current

 Meeting minutes are not published in a timely manner, at times taking months

## Agenda Item

- Consider meetings are recorded (audio only) and posted within 1 business day on the Committee web page
- The text of all action minutes, including public comments, are prepared and approved before meeting adjourns



#### Agendas and minutes

View current agendas and minutes for all boards and commissions. Previous years' agendas and minutes can be found in the <u>Archive</u> Center.

#### ▼ Menlo Park Finance and Audit Committee

2019 -- Only 1 meeting so far (no minutes posted)

2018 -- No missing minutes

2017 - Missing May and January minutes

2016 -- No minutes posted 2015 -- No Minutes posted

2014 -- Only 1 minutes posted (3 meetings)

2013 -- No Minutes posted (2 total meetings)

2012 -- ALL minutes posted

2011 -- 4 meeting minutes not posted

2010 1 minutes missing

#### City Manager's Transmittal Let

## Debt Management Policies

#### Current

- Legal requirements for Debt Management Policy and Debt Management (Gov Code 88550(i)
- City lacks Debt Management Policy
- FAC approved Debt Management Policy on 7/31/2018 and recommended Council review and approve policy at next meeting but it was not on agenda

## **Agenda Item**

- Council discusses and approves a Debt Management Policy that follows legal requirements
- Council reviews reporting of City's long-term debt totals in CAFR 2018 report
- Council considers adding unfunded pension liabilities to appropriations (debt) limit
- Council discusses ways to increase transparency of City's long-term debt and interest paid on debt

## Y COUNCIL POLICY BT MANAGEMENT POLICY

by No. XX-2018-XXXX ctive September 12, 2018

#### rpose

s Debt Policy is intended to comply with Government Code Section 88 yern all debt undertaken by the City of Menlo Park ("Issuer").

e Issuer hereby recognizes that a fiscally prudent debt policy is require

- Maintain the Issuer's sound financial position.
- Ensure the Issuer has the flexibility to respond to changes in futur operating expenses.
- Protect the Issuer's credit-worthiness.
- Ensure that all debt is structured in order to protect both current a constituents of the Issuer.
- Ensure that the Issuer's debt is consistent with the Issuer's planni improvement program or budget, as applicable

#### FROM VISION TO FRUITION

The community's vision of the future is coming to fruiton and has resulted in a favorable financial position for the City's General Fund in fiscal year 2018–19 and going forward. The budget and analysis in this document reflects staff's best estimate of revenue and expenditures based or information available as of the budget preparation. Staff is mindful that changing economic times can impact key revenues, such as transient occupancy taxes, and staff dosely monitors these revenues for early warning signs that may require corrective action in the City's budget.

While the community's vision of the future is a culmination of engaged residents and active business partners, current and past City. Council deserve the credit for decisions that have resulted in significant achievements and the City's financial stability. In addition, the Finance and Audit Committee has worked dosely with staff to identify areas of improved financial communication such as the revised 10-year forecast model to help the City Council and communicating which is a communication of the city Council and communicating and capital improvements.

thority for this Council policy is provided by City Council Resolution #XX, adopted on September 11, 2018. The Debt icy may be amended by the City Council as it deems appropriate from time to time in the prudent management of debt of the Issuer. Any approval of debt by the City Council that is not consistent with this Debt Policy shall stitute a waiver of this Debt Policy.

#### ction I. Purposes for Which Debt May Be Issued

ong-Term Debt. Long-term debt may be issued to finance the construction, acquisition, and rehabilitation of apital improvements and facilities, equipment and land to be owned and operated by the Issuer.

Long-term debt financings are appropriate when the following conditions exist:

When the project to be financed is necessary to provide basic services.
 When the project to be financed will provide benefit to constituents over multiple years.
 When total debt does not constitute an unreasonable burden to the Issuer and its taxpayers and ratepayers.

'hen the debt is used to refinance outstanding debt in order to produce debt service savings or to realize benefits of a debt restructuring.

n debt financings will not generally be considered appropriate for current operating expenses and intenance expenses.

by use long-term debt financings subject to the following conditions:

'o be financed must be approved by the City Council.

average maturity of the debt (or the portion of the debt allocated to the project) will not age useful life of the project to be financed by more than 20%.

tes that sufficient revenues will be available to service the debt through its maturity, es that the issuance of the debt will comply with the applicable state and federal law.

\*t may be issued to provide financing for the Issuer's operational cash flows in \*n cash flow balance. Short-term debt may also be used to finance short-lived \*er may undertake lease-purchase financing for equipment.

le Issuer may also find it beneficial to issue debt on behalf of other in order to further the public purposes of Issuer. In such cases, the financial feasibility of the project to be financed and the financial such debt is consistent with the policies set forth herein.



## **2245 AVY AVENUE**

**Appeal of Planning Commission Approval** 





## **BACKGROUND**

- Phillips BrooksSchool
  - Pre-K to 5<sup>th</sup> grade
- Operating since1978
- Current maximum students: 320
- Current maximum staff: 58

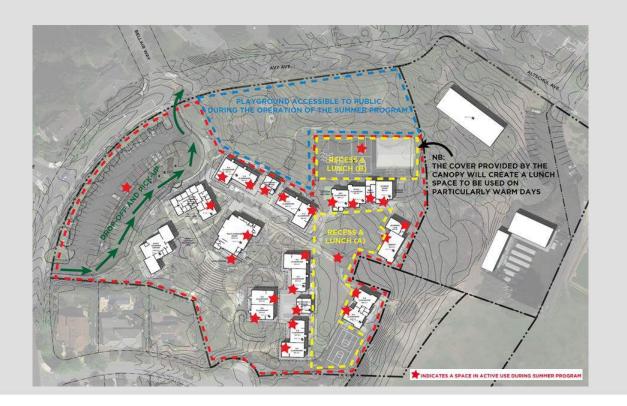




#### PROPOSED PROJECT

- Increase Staff Levels
  - Increasing the annual employee cap from 58 to 68 staff
- Summer Program
  - Existing students only
  - Enrollment cap per day
    - 120 students
    - 50 staff (25 staff at summer program and 25 additional staff on site)
  - June mid-August
  - Hours of Operation
    - Morning care: 8-10 a.m.
    - Classes: 10 a.m.-3 p.m.
    - After care: 3-5 p.m.
  - Activities and Programs

## **PROPOSED PROJECT**







### **PROCESS**

- Applicant conducted community meetings
- On December 10, 2018, the Planning Commission reviewed and approved the proposed project
- On January 3, 2019, the Planning Commission approval was appealed
  - Appellant believes that noise and traffic concerns have not been addressed





### STAFF RECOMMENDATION

- Deny the appeal, uphold the Planning Commission approval
  - School recently completed a five-year trip cap study and stayed below maximum allowable trips
    - Trips would not increase beyond what was previously allowed
  - Handouts for parents informing them of parking allowed
  - Staff monitoring school traffic
  - School would adhere to Noise Ordinance
  - Quarterly community meetings



### CITY COUNCIL OPTIONS FOR ACTION

- Deny the appeal, uphold the Planning Commission approval (Staff Recommendation)
- Uphold the appeal, deny the Planning Commission approval
- Modify the Planning Commission approval





## **THANK YOU**





# RED LIGHT PHOTO ENFORCEMENT PROGRAM





- Review the overall effectiveness of the existing red light photo enforcement program,
- Accept the results of the request for proposals for a red light photo enforcement program, and
- Authorize the City Manager to execute a five year agreement not to exceed \$234,000 annually between the City of Menlo Park and Redflex Traffic System, Inc.



#### **BACKGROUND**

- First contract signed with Redflex on December 5, 2006
  - El Camino and Ravenswood (N/B & S/B)
  - El Camino and Glenwood (N/B)
  - Bayfront Expressway and Willow Road (W/B)
- Second contract signed with Redflex on December 5, 2011
  - Bayfront Expressway and Chilco Street (W/B)
    - Operational on January 13, 2017
- Current contract extension expires on April 30, 2019



## **CURRENT CONTRACT TERMS**

•	El Camino Real & and Ravenswood Avenue (S/B)	\$4,950
٠	El Camino Real & and Ravenswood Avenue (N/B)	\$4,950
٠	El Camino Real and Glenwood Avenue	\$4,950
•	Bayfront Expressway and Willow Road	\$4,950
	Bayfront Expressway and Chilco Street	\$6.200

Monthly operations cost for the City - \$26,000



#### CITATION AND VIOLATOR STATISTICS

- 95% of violators are single event offenders.
- Since August 2013, over 1,000 drivers have been issued red light violations multiple times. Thirty-two drivers have been issued four or more violations.
- 87% of red light violation citations are issued to drivers operating vehicles registered outside of the City of Menlo Park.



# LEFT TURN, STRAIGHT, AND RIGHT TURN VIOLATIONS

	Left Turn	Straight	Right Turn	Total
2013	191	2,216	395	2,802
2014	527	2,212	294	3,033
2015	429	1,952	1,489*	3,870
2016	515	766	2,446	3,727
2017	482	1,314	1,999	3,795
Total	2,144	8,460	6,623	17,227

<sup>\*</sup>Right turn added to N/B El Camino Real and Ravenswood in May 2015

- Right turns enforced at El Camino Real and Ravenswood Avenue (N/B & S/B) and El Camino and Glenwood Avenue (N/B)
- Threshold speed for all lanes is 12 miles per hour

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# 2013 – 2018 TRAFFIC COLLISIONS AT INTERSECTIONS WITH RED LIGHT PHOTO ENFORCEMENT



	ECR / Ravenswood	Chilco / Bayfront	Willow / Bayfront	Glenwood / ECR	Total*
2013	5	4	11	3	23 (391)
2014	5	6	14	3	28 (356)
2015	8	6	10	0	24 (354)
2016	6	4	20	5	35 (427)
2017	10	13**	20	3	46 (391)
2018	5	8	16	0	29 (355)
Total	39	41	91	14	185

<sup>\*</sup> The numeric value in parenthesis represents the total number of reported collisions within the City of Menlo Park for that calendar year.

<sup>\*\*</sup> Red light photo enforcement installation operational on January 13, 2017.





### **VIOLATION FINE DISTRIBUTION**

Red Light Bail Forfeiture violations [whether from camera or officer], with a base fine of \$100, assuming that the full \$490 is assessed and forfeited/paid, would result in the City of Menlo Park receiving \$155.63.

The remaining \$334.37 in penalty assessments are distributed to various County of San Mateo and State of California funds.



#### REVENUE AND EXPENDITURES

- Since the inception of the red light photo enforcement program in 2011, annual revenue has exceeded expenditures.
- Current staffing costs (1FTE) are approximately \$125,000 annually.

	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18
Revenue	\$460,478	\$507,342	\$544,485	\$457,270	\$461,306
Expenditures	\$333,633	\$381,051	\$358,974	\$397,485	\$437,285
Net Revenue	\$126,845	\$126,291	\$185,511	\$59,785	\$24,021





# REDFLEX TRAFFIC SYSTEMS, INC. PROPOSAL

Reduction in monthly approach fees

El Camino Real & and Ravenswood Avenue (S/B)	\$4,950	\$3,900
El Camino Real & and Ravenswood Avenue (N/B)	\$4,950	\$3,900
El Camino Real and Glenwood Avenue	\$4,950	\$3,900
Bayfront Expressway and Willow Road	\$4,950	\$3,900

Bayfront Expressway and Chilco Street

<del>\$6,200</del> \$3,900

- Upgraded 24MP cameras
- HD Streaming Video
- Alcyon® Back Office with Advanced Reporting Capabilities
- Continuation of our own Program Team and Redflex Client Services Manager Marc Carroll.





## RECOMMENDATIONS

- Review the overall effectiveness of the existing red light photo enforcement program,
- Accept the results of the request for proposals for a red light photo enforcement program, and
- Authorize the City Manager to execute a five year agreement not to exceed \$234,000 annually between the City of Menlo Park and Redflex Traffic System, Inc.





## **THANK YOU**





THE MAGAZINE WITH IDEAS & SOLUTIONS FOR RECREATION, SPORTS & FITNESS FACILITIES MANAGERS

## Design Corner: Third-Party Aquatic Center Management

A Look at the Pros & Cons

By Kevin Post & Michelle Schwartz

Ithough some municipalities compete for scarce aquatic professionals to manage cutting-edge aquatic centers, others contract management to a third party. While the municipality would remain the face of the facility, there are considerable strengths and weaknesses for a public/private management relationship with a third party to manage the facility. The main concern for acquiring outside management—a developer, a USA Swimming Club, a local aquatic management company, a YMCA—is that the city relinquishes control, including control of tax dollars and programs.

#### **Developer Management**

The strength of a developer management relationship includes knowledge and expertise in design-build and management responsibility logistics. Weakness entails that the city relinquishes control of design decisions, which may not be in concert with the community. Moreover, the city lacks control of accounts payable/receivable and achieving city goals of competitive and lesson programming, which could be thwarted as the developer would typically have a recreational emphasis. Opportunities include a community hub profile and market marker if the developer has a draw name. Marketing and branding would not necessarily be via community outreach. Threats include high admission fees (double or triple) over the resident expected rate; lack of equal opportunity compliance in concert with the city; lack of effectiveness of competitive bidding practices; and the city might wind up with an obsolete pool if the facility isn't profitable when the management contract ends.

#### **USA Swimming Club Management**

The strength of a USA Swimming Club management relationship includes their reputable aquatic governing status for the sport. USA Swimming formulates the rules, implements policies and procedures, conducts national championships, disseminates safety and sports medicine information, and selects athletes to represent the United States in international competitions. Known in competitive sports for its strong program, USA Swimming has a built-in feeder system of interested parties for staff and management with aquatic experience of operations. Weakness entails the lack of city control and a primary focus on competitive swimming that could dampen the city's effort to seek a balance of programming, which may lead to a dissatisfied community reaction to a team-run pool. Opportunities include a great swim program and increased contractual financial responsibility for performance. Threats include prioritization participation; city requirement to cover shortfall of financial risk; and the ability to have financing capability (startup capital, working capital, financing capability and credit).

#### **Local Aquatic Management Company**

The strength of being managed by a local aquatic management company includes industry knowledge to meet critical repair needs (before and during the season) and major renovations (off-season). An aquatic management group will handle the Health Department permit process and recruit, hire and train pool managers, assistant managers, lifeguards and swim instructors with experience to oversee the day-to-day operations of the facility, including chemical knowledge in compliance with local Health Department requirements. They typically have additional insurance coverage, and their service business is consistent with regional management protocol. Additionally, they define scope, role and success with their own company expansion. Weakness includes lack of city control, community reaction to a profit-based service provider, contract responsibility versus ownership, and lack of responsibility for coaching staff. Opportunities include balancing programming priorities with a business approach and a la carte needs (i.e., chemical balance, lifeguards, concessions). Threats include not achieving city recreational goals, equal opportunity

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compliance and competitive bidding practices.

#### YMCA Management

The strength of being managed by the YMCA includes their professional reputation with a special emphasis on community and families. It is common for Y's to have swimming pools, weight rooms, fitness and various sports such as basketball, volleyball and racquetball, thus providing synergy for community fitness. From a global programming perspective, 2,600 Y's are present in 124 countries. Service is closely aligned with municipal protocol. Likewise, hiring and training includes lifeguard management. Weaknesses may include community reaction as it is known as religious-based (conflict of church and state), and contract responsibility versus ownership. Opportunities include balanced programming priorities and an in-sync municipal-type business approach. Threats include another market marker for the Y.

#### **Aguatic Consultant Assistance**

Hiring an experienced aquatic consultant can be a plus when deciding how to manage a new aquatic center. Their experience in nationwide research and engaging in conversations with third party consortiums on the city's behalf may be enlightening in making a knowledgeable decision before moving forward in a public/private partnership (PPP). An experienced consultant can see blind spots when visionaries' enthusiasm may only see swimming, splashing and diving.

There are many types of PPPs—operations and maintenance, design-build, turnkey operation, wrap-around addition, temporary privatization, lease or buy/develop/operate, build/transfer/operate, etc. The desire to partner is only effective when there is mutual interest and a common vision in the major capital asset between the municipality and the partner. However, PPPs have allowed many organizations to create aquatic centers that otherwise would not have been possible.

Management investment, whether through a third-party or an in-house team, must ensure that the facility's future as a business enterprise as well as a public institution continues to thrive and challenge itself in nurturing success to both the facility and the community it serves.

#### **ABOUT THE AUTHORS**

Kevin Post is a project manager with Counsilman-Hunsaker, specializing in feasibility analysis for communities. He assists clients in preparing for the development and capital investment requirements of a new project.

Michelle Schwartz is a contract writer for the Counsilman-Hunsaker team. She focuses on research and writing feasibility studies, master plans, strategic plans, marketing narratives and assisting engineers and architects in writing articles for publication. For more information, visit www.chh2o.com.

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