

LifeScienceHistory.com Releases Cartoon Illustrating “Milestones in Fluoride”

Learn about the historical milestones in science behind this misunderstood natural mineral.

SEATTLE, WA, UNITED STATES, March 24, 2025 /EINPresswire.com/ -- LifeScienceHistory.com, announced the release of its newest cartoon entitled: “Milestones in Fluoride” illustrating the facts about this misunderstood natural mineral from the identification of fluorosis, and it’s first use in a city water supply and clinical results, to trials in China, and neurological impact or not?

The cartoons are conceived by Phil Ness, Founder and CEO of Info.Resource, publisher of LifeScienceHistory.com, and illustrated by Mark Reeve, an award-winning cartoonist, previously with The Mail On Sunday, who has done work for The Economist, GQ, and DC Comics.



“Given the massive amount of misinformation about science in our world today, it’s important that the factual information about this naturally occurring mineral, and the many different trials in China that the criticism is based on be seen and understood. It’s not what it appears.” says Ness.

The Initial cartoons known as "[Toons & Teasers](#)" on LifeScienceHistory.com, chronicle the COVID-19 Pandemic in the U.S. from the drawing of political battle lines, the COVID wave, and PPE distribution, to the vaccine rollout, COVID vacations, and remembrance of the fallen.

The defense of “Science & Reason,” the topic of Ness’ very first cartoon, received the 2021

Davenport International Cartoon Contest People's Choice Award. The topic is now front and center in the news daily and was the subject of his first cartoon this year illustrating an updated cast of health care leaders, and the growing new issues we face.

Other cartoons spotlight CRISPR and DNA technology, infectious disease, lifesaving vaccines, leading scientists, evolution, milestones in science, and other topics.

Info.Resource is a Seattle based company, established in 1997, that previously owned and published a specialized nationwide network of state- and Canadian province-based life science web sites.

FREDERICK MCKAY BEGAN RESEARCH INTO FLUORIDE
 IN 1901, FREDERICK MCKAY OPENED A DENTAL PRACTICE IN COLORADO SPRINGS, COLORADO, AND WAS RETAINED TO FIND SCARIES OF RESIDENTS WITH BROWN STAINS ON THEIR TEETH, KNOWN AS THE COLORADO BROWN STAIN.
 THE ANSWER CAME WHEN MCKAY AND DR. GROVER KEENEY OF THE U.S. PUBLIC HEALTH SERVICE (PHS) TRAVELED TO BAULTIE, ARKANSAS. CHINED BY ALCOHA, THEY DISCOVERED THAT MOTTLED ENAMEL DISORDER WAS PREVALENT AMONG THE CHILDREN OF BAULTIE, BUT NONEXISTENT IN ANOTHER TOWN ONLY FIVE MILES AWAY.
 THEY PUBLISHED A REPORT THAT REACHED THE DESK OF ALCOA'S CHEMIST, H. V. CHURCHILL, WHO CONDUCTED HIS OWN TEST USING PHOTOSPECTROGRAPHIC ANALYSIS. CHURCHILL'S TEST REPORTED THE TOWN'S WATER HAD HIGH LEVELS OF FLUORIDE.

GRAND RAPIDS BECAME THE FIRST CITY IN THE WORLD TO FLUORIDATE ITS DRINKING WATER.
 ON JAN. 25, 1945, AT 4:00 PM, GRAND RAPIDS, MICHIGAN BECAME THE FIRST CITY IN THE WORLD TO FLUORIDATE ITS DRINKING WATER. LATER THAT YEAR, A 18-MONTH TRIAL OF WATER FLUORIDATION WAS LAUNCHED IN FOUR CITIES.
 EACH FLUORIDATING CITY WAS PAIRED WITH A "CONTROL," A NEARBY CITY OF SIMILAR SIZE AND DEMOGRAPHIC MAKEUP, WITH A LOW-FLUORIDE WATER SOURCE SIMILAR TO THE TRIAL CITY.

STUDY IN CHINA SHOWS IMPACT OF FLUORIDE ON NEUROLOGICAL DEVELOPMENT IN CHILDREN.
 ON JUL. 25, 2012, A STUDY FROM THE CHINA MEDICAL UNIVERSITY AND HARVARD UNIVERSITY, COMBINED 27 STUDIES AND FOUND STRONG INDICATIONS THAT FLUORIDE MAY ADVERSELY AFFECT COGNITIVE DEVELOPMENT IN CHILDREN.

STUDY FINDS FLUORIDE IN WATER DOES NOT AFFECT BRAIN DEVELOPMENT.
 ON DEC. 19, 2024, A UNIVERSITY OF QUEENSLAND (UQ) STUDY FOUND NO LINK BETWEEN EXPOSURE TO WATER FLUORIDATION AS A YOUNG CHILD AND NEGATIVE COGNITIVE DEVELOPMENT.
 DR. LOC DO FROM UQ'S SCHOOL OF DENTISTRY SAID THE 12,000 OF 857 PEOPLE WHO HAD PARTICIPATED IN THE 2002-2004 NATIONAL CHILD ORAL HEALTH STUDY WERE ASSESSED BY REGISTERED PSYCHOLOGISTS TO SEE IF THEIR EXPOSURE TO FLUORIDE AS A YOUNG CHILD IMPACTED THEIR BRAIN DEVELOPMENT.

SHORTLY AFTER THIS DISCOVERY, DR. H. TRENDLEY DEAN, THE ARCHITECT OF THE FIRST FLUORIDE STUDIES, SET OUT ACROSS THE COUNTRY TO COMPARE FLUORIDE LEVELS IN DRINKING WATER. DEAN AND HIS STAFF DISCOVERED THAT FLUORIDE LEVELS OF UP TO 1.0 PPM IN DRINKING WATER DID NOT CAUSE ENAMEL FLUOROSIS IN MOST PEOPLE AND ONLY MILD ENAMEL FLUOROSIS IN A SMALL PERCENTAGE OF PEOPLE.

IN 1949, THE FIRST CHILDREN TO DRINK FLUORIDATED WATER IN INFANCY BEGAN READING SCHOOL AGE. DENTAL EXAMINERS IN GRAND RAPIDS, NEWBURGH, NEW YORK, AND CANON-SBRANFORD, ONTARIO REPORTED A SHARPLY LOWER NUMBER OF CAVITIES AMONG THE CHILDREN STARTING SCHOOL. TODAY, 89.8 PERCENT OF THE WATER SUPPLY IN THE STATE OF MICHIGAN USES FLUORIDATION.

FLUORIDE IS A NATURALLY OCCURRING SUBSTANCE IN GROUNDWATER, AND EXPOSURES ARE INCREASED IN SOME PARTS OF CHINA. THE AUTHORS SAY THAT THIS RISK SHOULD NOT BE IGNORED, AND THAT MORE RESEARCH ON FLUORIDE'S IMPACT ON THE DEVELOPING BRAIN IS WARRANTED.

VIRTUALLY NO HUMAN STUDIES IN THIS FIELD HAVE BEEN CONDUCTED IN THE U.S.

"WITH THE PARTICIPANTS NOW AS OLD AS 35 YEARS OLD, WE FOUND THOSE WHO'D CONSISTENTLY BEEN DRINKING FLUORIDATED WATER HAD AN IQ SCORE 1.07 POINTS HIGHER ON AVERAGE THAN THOSE WITH NO EXPOSURE." DO SAID. "WATER FLUORIDATION, AS PRACTICED IN AUSTRALIA, IS SAFE FOR CHILDREN'S DEVELOPMENT."

"SCIENCE BASED CONSPIRACY WILL NEVER WIN!"

"FLUORIDE IS AN INDUSTRIAL WASTE."

MILESTONES IN FLUORIDE
 conceived by Philip Ness, drawn by REVE

Milestones in Fluoride

LifeScienceHistory.com is a rapidly growing resource of 20,000 plus pages of history making life science news, company information with Genealogy on Demand, original cartoons, original [Earth is a Rock, Let the DNA Mold Me](#) music video, and much more!

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Philip Ness

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