

Prologue to a Nightmare - July 17, 2005

Dear IMVA,

Below is an essay on what is happening to our children from conception and will be a chapter in the *Rising Tide of Mercury and other Toxic Chemicals* book. Writing as I am in both book and essay form some of the information you will see here I have published before. But with the publication last week of the chemical disaster occurring in the womb, as tested by cord blood samples, what I have written below takes on a frightening new dimension.

Last week the federal government's Centers for Disease Control and Prevention (CDC) and the American Dental Association (ADA) held a symposium in Chicago titled: "National Fluoridation Symposium 2005: Celebrating 60 Years of Water Fluoridation." What these organizations are celebrating is 60 years of poisoning of Americans and citizens from other countries that are unintelligent enough to believe in and trust the American medical industrial complex, which has sold the public on the idea that fluoridation of community drinking water is one of the ten most significant public health achievements of the 20th century. They are not too far off; it was a major achievement, the poisoning of hundreds of millions of people with a poison toxic enough to make companies label toothpaste as highly dangerous to children if swallowed. **I mention this here because unbelievable as it seems people and organizations are actually celebrating the poisoning of men, women and children.** Murray Rothbard describes water fluoridation as "ALCOA-socialism," arising from "an alliance of three major forces: ideological social democrats, ambitious technocratic bureaucrats, and Big Businessmen seeking privileges from the state."

The complete bankruptcy of the allopathic medical system is seen in not only its use of poisonous drugs and medical treatments like radiation therapy for cancer, but in its total denial and deliberate ignorance of the poisoning being done in the name of good. The medical fields of pediatrics and obstetrics come under heavy attack in the below essay because they have not the slightest clue as to what to do except poison the little ones with their vaccines, antibiotics, and aggressive birthing procedures. **Pediatric medicine is hazardous to children's lives and general state of well being.** They are adding complications to an already ghastly situation pushing the babies deeper into the chemical chambers of toxicity thus causing even more disease.

Proponents of allopathic medicine, dentistry, and industries which use tremendous amounts of poisons like pesticides will not willingly admit they are wrong. As Tolstoy puts it, "Most men can seldom accept even the simplest and most obvious truth if it would oblige them to admit the falsity of conclusions which they have delighted in explaining to colleagues, have proudly taught to others, and have woven thread by thread into the fabric of their lives."

Below is testimony to a chemical field of terror. One that starts the minute we conceive our young in the womb. The story could not be any worse but will get worse because our governments, medical and dental organizations, chemical and pharmaceutical industries will continue to poison our young and even celebrate the dirty deed.

Prologue to a Nightmare
International Medical Veritas Association

Industrial Pollution Begins in the Womb

Humanity is traveling down a deadly path. Awaiting each and every child born on the planet is a life doomed to being poisoned. There is "overwhelming evidence that every child, no matter where in the world he or she is born, will be exposed, not only from birth, but from conception, to man-made chemicals that can undermine the child's ability to reach its fullest potential -- chemicals that interfere with the natural chemicals that tell tissues how to develop and construct healthy, whole individuals according to the genes they inherited from their mothers and fathers," says Dr. Theo Colborn, Senior Program Scientist, at the World Wildlife Fund.

*As our knowledge about the etiology of disease progresses,
the evidence for environmental contributions to disease grows.*
Physicians for Social Responsibility

No one really knows how much of any given chemical, much less a mixture of chemicals, could affect a human fetus but we do know that growing children are particularly at risk to chemicals in their environment because they face greater exposure and are physiologically more susceptible. They ingest more food/water per pound of body weight than adults and the little ones live closer to the ground and put things in their mouths. Now, in the year 2005, we learn that the unborn are being exposed to the background contamination and pollution of the world and from the hazardous drugs and vaccines given to their mothers during pregnancy. **Babies are not being protected in the womb.** Fetuses are under attack from hundreds of industrial chemicals, pollutants and pesticides that are pumped back and forth from mother to baby through umbilical cord blood. Cord blood^{i[i][1]} reflects what the mother passes to the baby through the placenta. The Environmental Working Group (EWG) from Washington DC commissioned laboratory tests of 10 American Red Cross cord blood samples.^{ii[ii][2]} The group found that **the babies averaged 200 contaminants in their blood. The pollutants included mercury, fire retardants, pesticides and the Teflon chemical PFOA. In total, the babies' blood had 287 chemicals, including 209 never before detected in cord blood.**

Besides the pesticides, chemicals from two widely used household products — Teflon and Scotchgard — were found in every baby tested.

Toxic elements found in infants' cord blood

- 76 chemicals that cause cancer in humans or animals.
- 94 that are toxic to the brain and nervous system.
- 79 that cause birth defects or abnormal development in animal tests.

Found were polyaromatic hydrocarbons, or PAHs, which are produced by burning gasoline and garbage and which may cause cancer; flame-retardant chemicals called polybrominated dibenzodioxins and furans. Among the most pervasive pesticides found: 4,4'-DDE a contaminant and byproduct of DDT, banned in the United States in 1972 but still used in other parts of the world to control mosquitoes; hexachlorobenzene, a fungicide widely used on wheat until 1965 when chemical giants Bayer and Dow voluntarily discontinued production of the likely carcinogen; and Dieldrin, routinely used on corn and cotton until banned in 1974 except for treatment of termites. **Pesticides are toxic by design and meant to kill** weeds, insects, rodents and other pest organisms; they do so by impairing the nervous and immune system function. Many pesticides and their byproducts (which include PCBs) are highly toxic, persistent and bioaccumulative in humans. Because our nervous system shares basic physiology with other living things, pesticides harm the human nervous and immune systems. New safe Bio pesticides are now on the market that are completely non-toxic, and can be used instead of toxic pesticides to control pests, but no one thinks it important enough to use them.

*The average annual rate of childhood leukemia
has risen almost 1% a year from 1977 to 1995.*

National Cancer Institute

The authors of the above study said, "Had we tested for a broader array of chemicals, we would almost certainly have detected far more than 287. But testing umbilical cord blood for industrial chemicals is technically challenging. Chemical manufacturers are not required to divulge to the public or government health officials methods to detect their chemicals in humans." Another study published in Feb of 2005 calculated that the U.S. loses \$8.7 billion annually due to the impact of mercury alone on children's brain development. The peer-reviewed study by the Mount Sinai School of Medicine's Center for Children's Health and the Environment was published by the National Institutes of Health journal, Environmental Health Perspectives.^{iii[iii][3]} Before they take their first breath, as many as 600,000 babies may suffer permanent brain damage from their mothers' exposure to mercury pollution," said Susan Marmagas, MPH, director of Physicians for Social Responsibility's Environment and Health Program. "The damage has personal consequences for these children, but now we see that it also has enormous implications for the national economy." The study showed that babies born to women taking antidepressants in the last three months of pregnancy were three times more likely to develop drug-related symptoms than those born to women who did not use the drugs.

*To know that we are bringing our children to a
chemical slaughtering house is deeply unsettling.*

Developmental disabilities such as autism, attention deficit hyperactivity disorder (ADHD), dyslexia and uncontrollable aggression currently affect an estimated 12 million U.S. children under age 18 -- almost one child in five. And this

is just part of the accumulating story that is building as the chemicals are becoming more and more concentrated in the children. In the United States we are witnessing a drop off of intelligence, IQ and grades in standardized tests. If the cumulative effects of environmental toxicants reduced the average American's IQ by just a few points the cost to society is staggering in terms of lost creativity.^{iv[iv][4]} In all likelihood it is not just the one in 166 children with autism and the one in five with the full range of neurological disorders who are being affected but all our children are bending under the weight of chemical poisons that the prostituted FDA loves to approve as safe for human consumption. Studies by Greenpeace in India and a study of Mexican children exposed to pesticides found impaired memory, creativity and motor skills compared to an unexposed population. The pesticide exposed children had trouble drawing an ordinary stick figure of a human, something the unexposed children could readily do.^{v[v][5]}

It is now estimated that one in three children born in 2000 will have diabetes in their lives -- this makes it soon-to-be the most prevalent chronic disease.

Dr. Francine Kaufman

Professor of Pediatrics, Keck School of
Medicine

Scientists are just starting to show what the effects of some of these chemicals are though they should have a long time ago. What else could have explained the near doubling of the percentage of children with limitations of activity due to chronic illness between the years 1960 and 1984? Now we are seeing papers published like in the journal *Environmental Health Perspectives* that finds that the more a mother is exposed to the chemicals, called phthalates (THAL-ates), the greater the chance her boy's reproductive development will be harmed. The study shows that pregnant mothers exposed to high but common levels of a widely used ingredient in cosmetics, fragrances, plastics and paints can produce baby boys with smaller genitals and incomplete testicular descent. Prof Shanna Swan of the University of Rochester, New York, and colleagues in America and Denmark assert strongly, "The public health implications are enormous."^{vi[vi][6]}

According to a study conducted by the University of North Carolina (October 2004), 21% of women of childbearing age have mercury levels in their hair that exceeds federal health standards.^{vii[vii][7]} Under United States guidelines, 79 per cent of Inuvik women of childbearing age have unsafe levels of mercury.^{viii[viii][8]} Earlier this year, the U.S. Food and Drug Administration issued a directive warning women of childbearing age to eat no more than two meals or 12 ounces of seafood, including canned tuna, weekly. That directive was based in part on the work of a U.S. Environmental Protection Agency biochemist, Kathryn Mahaffey, who estimates that **one in six pregnant women** in the United States had high enough blood mercury to damage her child, for a total of 630,000 U.S. newborns at risk.^{ix[ix][9]} This was the first study to calculate the numbers based on children's blood levels, not the mother's. The new formula showed that one of six pregnant women had mercury levels in their blood of at least 3.5 parts per billion, sufficient for levels in the fetus to reach or surpass the EPA safety threshold of 5.8 parts per billion. In 1999-2000, the last year for which government data is available, this meant that 630,000 children were at risk instead of the original estimate of 320,000. According to Dr. Sandra Steingraber, "The EPA has taken pains not to

adopt the 630,000 figure as its official position. Calculated by EPA scientist Kathryn Mahaffey, these new estimates were published in *Environmental Health Perspectives*, April 2004.^{x[x][10]}

*In women of reproductive age, it is important to diagnose
overexposure to mercury even if the patient herself is asymptomatic
due to the serious developmental neurotoxicity of this metal*
Steuerwald 2000

The EPA analysis is showing a clear and present danger from mercury because even when the mother is below the danger zone, a woman can give birth to a baby that's over the limit because recent research has shown that the umbilical cord can have an average mercury concentration 1.7 times as great as the concentration in the mother's blood.^{xi[xi][11]} Dr. Sandra Steingraber describes the particular vulnerability of children when it comes to mercury poisoning saying, "The placenta, which works well to bar pathogens from entering the womb, does a terrible job of keeping methylmercury out. In fact, the placenta actively pumps mercury into the fetal capillaries as though it were a precious molecule of calcium or iodine. This is why levels of mercury in the blood of a newborn typically exceed those of its mother by 70 percent."^{xii[xii][12]}

It is exactly at this point where humanity is most vulnerable to mercury's devastating power and this seems to be showing up in huge numbers of children with neurological and developmental disorders. Is it purely a coincidence that today one in five children are known to have some kind of neurological or learning disorder or are we seeing a direct correlation between mercury and a flood tide of problems in the current generation of children? Dr. John Risher of the Agency for Toxic Substances and Disease Registry and Dr. Sherlita Amler of the CDC affirm that significant exposure to all forms of mercury (elemental/metallic and both inorganic and organic compounds) **can result** in a variety of adverse health effects, including neurological, renal, respiratory, immune, dermatologic, reproductive, and developmental sequelae.^{xiii[xiii][13]} Yet neither the CDC nor anyone else in allopathic medicine advocates the *immediate elimination* of thimerosal from vaccines or an emergency reduction in mercury power plant emissions.

*All forms of mercury are toxic to the fetus, but
methylmercury most readily passes through the placenta.
Even with an asymptomatic patient, maternal exposure
can lead to spontaneous abortion or retardation.*

Dr. Barry Diner

While medical authorities would like us to believe that child mortality has decreased dramatically over the course of the last few decades thanks to their vaccines and other medical services, the number of children suffering from diagnosed learning disabilities, diabetes, asthma, and autism has gone way up. "We have almost 20 percent of our children now in this country chronically ill or disabled. That's a very different situation from what it was 20 or 30 years ago, and there's no explanation given by the public health authorities as to why that is true," says Barbara Loe Fisher, president of the National Vaccine Information Center. But we have been deceived for more than 75 infants die each day across the USA,

according to data from the Centers for Disease Control and Prevention. On average, seven of every 1,000 American babies die before age 1. The USA ranks 29th in the world in infant mortality.^{xiv[xiv][14]} For the trillion and a half dollars now spent on medical care, it is obvious that something is seriously wrong and getting worse and medical authorities are turning a blind eye or showing an ignorance of basic medicine that is unbelievable.

What little research that exists in this area has shown that chemical exposure in the womb can be dramatically more harmful than exposure later in life.^{xv[xv][15]}

We have reached a milestone in human history and there should be little doubt that the pharmaceutical and chemical companies should pay the price for sacrificing children on the altar of their high profits. The men and women of these companies dealing in the commerce of chemical poisons have succeeded beyond their wildish dreams and have managed to poison everyone, especially in the United State where they have managed to concentrate the most chemicals in the environment. We must make it the highest priority in society to put an end to the kind of corporate behavior that promotes a culture of death, a culture of poisonous drugs, poison products, poison producing industries, and poisonous people who get up in front of microphones telling the public there is nothing to worry about.

Babies are soaking in a stew of chemicals and the medical community is caught without a clue to knowing what to do.

So unaware are medical officials and doctors to this nightmare in progress that they can't wait for the babies to be born so they can poison them more. "A cascade of non-communicable, incurable chronic conditions assails soaring numbers of society's littlest and most vulnerable members, stoking suspicions that at least some of the damage may stem from the very strategies intended to secure their health," wrote Lidia Wasowicz for United Press International in 2005. We are in reality beginning to see evidence of the complete bankruptcy of the allopathic medical system especially in the field of pediatrics and obstetrics, which together have not the slightest clue as to what to do except poison the little ones with their vaccines, antibiotics, and aggressive birthing procedures. **Pediatric medicine is hazardous to children's lives and general state of well being.**

A multisite study sponsored by the National Institute of Mental Health (NIMH) finds children with autism characterized by tantrums, aggression, and/or self-injury respond favorably to the antipsychotic medication risperidone for up to six months.^{xvi[xvi][16]}

This could easily be translated into "children with mercury and other chemical poisoning, who are characterized by tantrums and aggression, respond favorably to more toxins (toxic drug with serious side effects) added to their blood streams." Is this really the smartest medical strategy the allopathic universe can come up with? We parents have to wake up to the dramatic threat because our pediatricians are not paying any attention to how our children are being chemically damaged. Denial of the problem at this point has passed clearly into medical malpractice for there are things that can be done immediately to reduce toxic exposure and treatments that can be initiated that pediatricians are not doing. Naturopathic doctors are

ready to address the problem with natural healing agents that are pure and completely non-toxic and this is what we need in an increasingly toxic world.

The CDC, on the other hand, is constantly throwing out red herrings to keep parents off center and unaware of the true threat to their children. It is not the flu virus or the Hepatitis B virus or any of the old infectious diseases that should scare the wits out of parents when their children are being poisoned from the moment of their conception. They should be afraid of the EPA, FDA, the CDC, and the hundreds of thousands of doctors who bow in faith to their parent medical organizations.

The chemical hazard is real and growing and is for all intent and purposes unavoidable for mothers and their children because the chemicals are present like a background radiation cloud. Our planet has become like a giant gas chamber and our kids and the fetuses in the womb are absorbing more than their fair share of it. For a fetus in utero and the newborn today it is like the charge up the slopes of the Balaclava Heights.^{xvii[xvii][17]} But instead of cannon everywhere there is mercury and other hostile chemicals and drugs. Through a valley of toxicity each baby must navigate.

It is a terrible situation we find ourselves in, terrible that certain people, corporations, medical organizations and governments have insured that our children will be poisoned. Chemical cruelties toward children are serious crimes that should be punished with new laws designed to protect the children and the unborn. We live in a crucial moment and it is our souls, which will stand in judgment of what we will or will not do to protect the children. If we want to stand before God knowing we have allowed our race to be chemically damned by the chemical and pharmaceutical companies and by the medical officials and doctors who have no courage to see and address the truth of what is going on, God help our souls. Hell is the place where fetuses and infants are poisoned. Hell is a place where doctors and medical officials are so ignorant of what is going on that they only make matters worse. And hell is a place where we sit on our rear ends doing nothing about the chemical nightmare that is becoming every parent's worst dream.

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^{i[i][1]} The cord blood mirrors the mixtures of chemicals the baby was exposed to while in the mother's womb. Before the cord is cut, the equivalent of 300 gallons of blood a day will flow through it, providing the baby with nutrition and removing waste.

^{ii[ii][2]} The Environmental Working Group conducted the study in collaboration with Commonweal, a California nonprofit health and environmental research institute. EWG is a nonprofit environmental watchdog/research organization that, according to its Web site, claims to "bring to light unsettling facts that you have a right to know. It shames and shakes up polluters and their lobbyists. It rattles politicians and

shapes policy. It persuades bureaucracies to rethink science and strengthen regulation. It provides practical information you can use to protect your family and community." the Environmental Working Group study is the first to attempt to detect so many chemicals, pollutants and pesticides — a total of 413. Of these, 307 had never been targeted in cord blood tests.

iii[iii][3] <http://ehp.niehs.nih.gov/members/2005/7743/7743.pdf>

iv[iv][4] Bernard Weiss, "Vulnerability of children and the developing brain to neurotoxic hazards," ENVIRONMENTAL HEALTH PERSPECTIVES, (June 2000) Vol. 108 (Supplement 3), pgs. 375-381

v[v][5] Elizabeth A. Guillette and others, "An Anthropological Approach to the Evaluation of Preschool Children Exposed to Pesticides in Mexico," ENVIRONMENTAL HEALTH PERSPECTIVES (June 1998) Vol. 106, No. 6, pgs. 347- 353.

vi[vi][6] Swan, SH, et al. Decrease in Anogenital Distance Among Male Infants with Prenatal Phthalate Exposure. 2005

<http://www.ourstolenfuture.org/NewScience/oncompounds/phthalates/2005/2005-0527swanetal.htm>

vii[vii][7] Washington Post. Thursday, October 21, 2004. Study was commissioned by Greenpeace. The study found excess mercury levels in 21 percent of the 597 women of childbearing age who were tested. The study used hair samples so the internal levels of mercury accumulation could potentially be much higher for it is known not all people are able to excrete mercury equally well.

viii[viii][8] Bueckert, Dennis. Canadian Press. Health Canada reviews its data as U.S. adopts stricter guidelines. November 20, 2004

ix[ix][9] Washington Post. February 6, 2004. EPA Revises Risk Estimates. Mercury Threat To Fetus Raised

x[x][10] http://www.coanews.org/tiki-read_article.php?articleId=37

xi[xi][11] Office of Environmental Health Assessment Services, Washington State. Evaluation of Evidence Related to the Development of a Tolerable Daily Intake for Methylmercury: Previous works have also suggested that the average mercury cord blood levels are 20 – 30% higher than mercury maternal blood levels (Kuhnert et al., 1981). Dennis and Fehr (1975) analyzed paired maternal and cord blood samples for mercury from fish consuming women in northern Saskatchewan (n = 43) and non-fish consuming women living in southern Saskatchewan (n = 45). There was a positive association between mercury maternal and mercury cord blood levels in both regions with the correlation coefficients being 0.45 and 0.87 for the south and north, respectively. Only in the north though, was the mean mercury level significantly different (p< 0.01) between maternal and cord blood samples. The cord blood samples were higher for the north sample group with the slope of the regression being 1.3. Kuhnert and associates (1981) re-addressed this issue of maternal and cord blood mercury level differences using gas chromatography techniques, however, a limitation was that the sample size of the study group was small (n = 29). Methylmercury levels in both plasma and erythrocytes were investigated with 30% more methylmercury observed in fetal erythrocytes than in maternal, while plasma levels were not significantly different. "Total" mercury concentrations in blood were calculated and compared with other studies, with results from the various studies indicating that "total" mercury levels in fetal cord blood are 13% to 24% higher than those in maternal blood. Kuhnert and associates (1981) also suggested that fetal cord whole blood contained 32% more methylmercury than maternal whole blood

which is similar to the increase observed between fetal and maternal red blood cells. Although the sample size is a limitation of this study, this work does suggest that the ratio of mercury cord blood levels to mercury maternal blood levels is greater than one.

xii[xii][12] Dr. Sandra Steingraber goes on saying, "When confronted with methylmercury, the placenta functions more like a magnifying glass than a barrier. Once inside the fetal blood supply, mercury is carried to the fetal brain, where it interferes with brain cell migration. Just as a spider can lower itself from the ceiling by reeling out a single strand of silk, a fetal brain cell moves from the center of the brain to the surface by rappelling along its own fiber. This process of brain cell migration begins in earnest during month four of pregnancy and continues after birth at least through the age of two. Methylmercury paralyzes migrating brain cells and thus interferes with their movement from center to surface. Methylmercury also halts cell division in the fetal brain by binding directly to neural chromosomes. The cerebellum—center of balance and coordination—is a special target of methylmercury. Prenatal exposures to methylmercury have also been linked to deficits in memory, learning and attention span that persist into adolescence and appear irreversible. In short, human fetuses are more vulnerable than adults to the brain-addling powers of mercury for two immutable reasons: They receive a comparatively bigger exposure (because of the placenta's concentrating powers), and their brain cells need to move and multiply."

xiii[xiii][13] John F. Risher, Sherlita N. Amler. Mercury Exposure: Evaluation and Intervention: The Inappropriate Use of Chelating Agents in the Diagnosis and Treatment of Putative Mercury Poisoning. Neurotoxicology. 2005 Jul 8

xiv[xiv][14] USA TODAY - USA in a fragile state of health Posted 11/7/2004 8:49 PM

xv[xv][15] In 2003, the EPA updated its cancer risk guidelines, finding that carcinogens are 10 times as potent to babies and that some chemicals are up to 65 times more powerful in children.

xvi[xvi][16] <http://www.emaxhealth.com/37/2573.html>

xvii[xvii][17] The Battle of The Balaclava. The Charge of the Light Brigade. Crimean War. 25th October 1854 .Theirs but to do and die: Into the valley of Death Rode the six hundred. Cannon to right of them, Cannon to left of them Cannon in front of them Volleyed and thundered; Stormed at with shot and shell, Boldly they rode and well, Into the jaws of Death, Into the mouth of Hell Rode the six hundred.
<http://www.britishbattles.com/crimean-war/balaclava.htm>