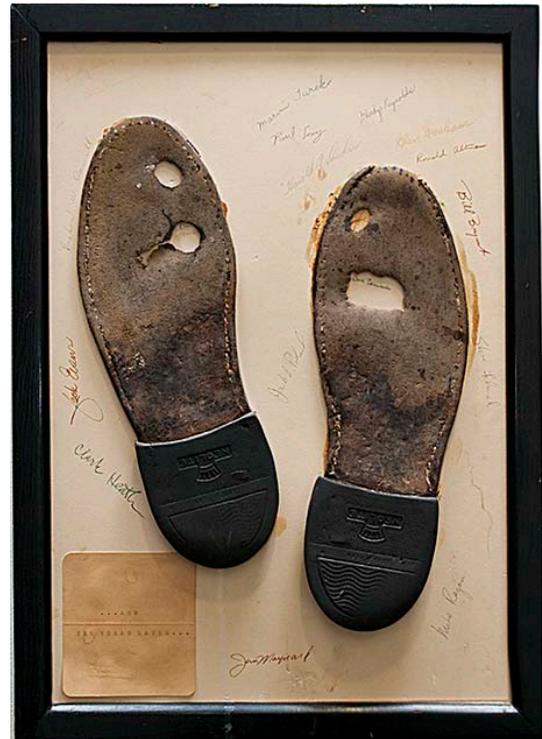


## 1960

20 officers

Worn out shoe leather with a prominent hole worn through was a recurring visual theme within the EIS. This is a reference to “shoe-leather” epidemiology-- the practice of personally investigating disease outbreaks at the local population level and not relying on the reports of others.

Submitted by Clark Heath (EIS '60)

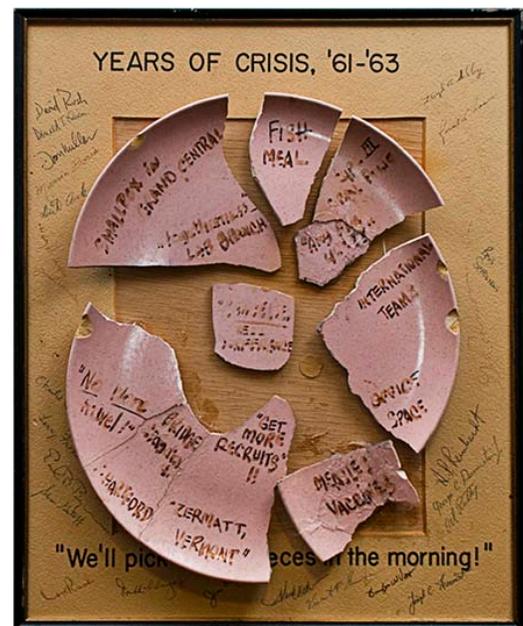


## 1961

32 officers

The inspiration for the piece came from a saying that Alex Langmuir would frequently use at the end of a particularly long day, “We’ll pick up the pieces in the morning.” This EIS class had more than usual amount of crises and each shard of the broken plate represents a crisis from those years. For example, “Smallpox in Grand Central” refers to a passenger returning to Canada who had Brazilian variola minor. This person passed through Grand Central Station in New York exposing numerous people to the virus. “Togetherness Lab Branch” refers to the fact that the director of CDC wanted better relations between the epidemiology branch and the laboratory branch. These branches were frequently at odds, because Alex wanted instant results from the lab. The final solution came when a lab was dedicated solely to support field epidemiology. “Fish Meal” refers to a Salmonella outbreak; it was one of the first occurrences of a major food contamination in the United States. “Zermatt, Vermont” was a misinterpretation of an assignment by an EIS officer who misheard the location of the outbreak over the phone. Many of the others refer to the growth and expansion of the program.

Submitted by Don Millar (EIS '61)



## 1962

23 officers

The Class of 1962 EIS plaque to Alex brings together three of Alex’s priorities:

1. Alex was filled with a passion for strengthening the capacity and competency of young public health professionals (23 officers - 1 female and 22 males) in collecting and using evidence to improve the public’s health. (Left Half of Plaque- Alex’s EIS Class of 1962)
2. Alexander felt strongly that the tools of surveillance and epidemiology should be used to address population issues, a major challenge to the future of the world. (Title-Overpopulation)
3. Although CDC was a “domestic agency,” Alex had led CDC’s first international epi-investigation in 1958 (smallpox-East Pakistan), and saw a global need for use of epidemiology to identify and solve barriers to health and well-being. Seventeen of the 137 Epi-Aids from July 1962-June 1964 were international. (Right Half of Plaque – Photos from EIS Officers at Work)
  - Cholera – Philippines, Vietnam
  - Polio – Guyana, Marshall Islands, Democratic Republic, Barbados, Jordan
  - Smallpox – Sweden
  - Hepatitis – England
  - Influenza – Jamaica, Taiwan
  - Typhoid - Brazil
  - Kerato-conjunctivitis - Bolivia
  - Gastroenteritis – Truk Island

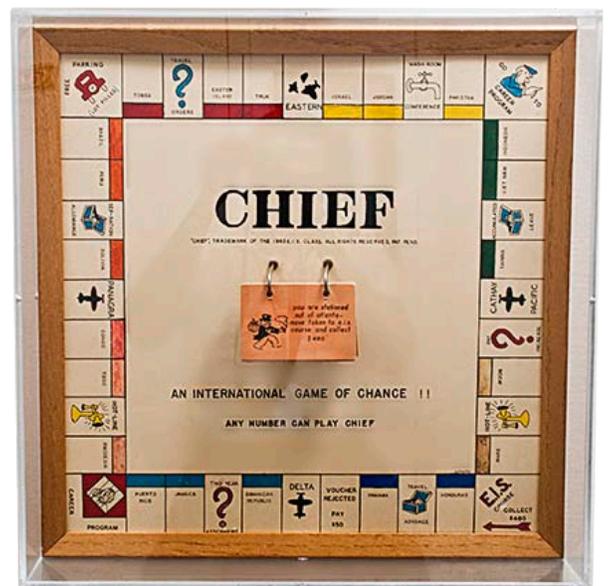


Submitted by Stan Foster (EIS '62)

## 1963

48 officers

The gift created by the 1963 EIS class was a plaque in the format of an ersatz monopoly board. Each property of the monopoly board was named for a place where members of the 1963 EIS class had carried out an epidemic aid investigation. In addition, there are flip-cards in the center of the monopoly board that called attention to foibles of CDC staff and EIS officers. It was presented to Dr. Langmuir on stage at the completion of the EIS Skit. When



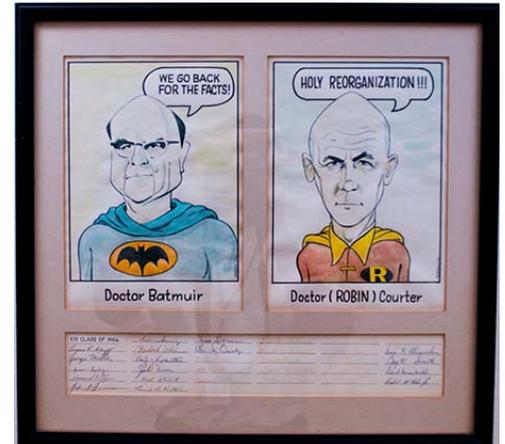
the flip-cards were read and the presentation completed, Dr. Langmuir responded by saying, “You rascals!” The creation of the plaque was led by Myron Schultz. The plaque hung on the wall of Dr. Langmuir’s office, along with other class plaques, until his retirement from CDC. It is presently on exhibit in CDC’s Global Health Odyssey Museum.

Submitted by Myron Schultz (EIS '63)

## 1964

30 officers

The story behind this gift is missing. Please contact Judy Gantt at [jgantt@cdc.gov](mailto:jgantt@cdc.gov) if you have information about this gift.



## 1965

31 officers

First African-American officer

In our second year, eight members of the Epidemiology Program Office left for other opportunities. D.A. Henderson left for an opportunity with the World Health Organization and the smallpox eradication program. Bob Kaiser went to malaria eradication. John Witte moved to immunization. Don Millar, Mike Lane, and Leo Morris went to smallpox eradication. Jim Mosely moved to Foreign Quarantine; and Bruce Dull went to the office of the CDC Director. About half of the class stayed with CDC and filled in the gaps opened by those leaving. Inspiration was all around us-- mid-level officers were disappearing right and left. Looking at the picture of Langmuir (the original picture of Alex Langmuir was replaced with the current one), note the saying “fairest of them all.” An old adage of Alex Langmuir’s was, “This is no democracy, but at least we can be fair to all.” And, he was, to a fault. He ran the show, and made the tough decisions when it came to assignments of us in our first year. In succeeding years, we saw his effort to hear out everyone on most tough decisions on who gets this or that investigation, position, or officer. He was tough, but fair to all of us.



Alan Hinman remembers the skit that year was based on Snow White. Alan played the part of Snow White (Alex Langmuir), and Lyle Conrad was Prince Charming (or some such title). Here are two verses of one of the songs, sung to a Gilbert and Sullivan tune.

When I was a youth in medical school,  
I learned to obey this golden rule --  
Look wise, act smart, talk all the time,  
And everyone will think that you are genuine!



CHORUS - and everyone will think that you are genuine!

And when you talk be sure to say  
I this, I that, I every which way.  
The result will be in your chosen field  
That everyone will think that you're a great big deal.

CHORUS - That everyone will think that you're a great big deal!

Submitted by Lyle Conrad and Alan Hinman (EIS '65)

## 1966

72 officers

Measles was a dominant theme for the class of 1966. The EIS class of '66 was the first large class of EIS officers with 72 officers; previous classes had far fewer. Indeed, our class was over twice as large as the immediately preceding class. The reason for this was that all those newly added positions were funded by the immunization program. Immunization made this unprecedented large investment because the new EIS officers were to be assigned to states in order to facilitate the implementation of the state measles immunization program. Live, attenuated measles vaccine had just been licensed, and this was an opportunity to conduct a national intervention to reduce the occurrence of measles dramatically and to control the disease— or even eliminate it. This was a great new challenge for CDC, and the class of '66 (especially those of us assigned to states) were the “tip of the spear.”



Submitted by William Schaffner (proud member of the best EIS class '66)

## 1967

68 officers

The plaque was developed near the end of our second year and presented to Dr. Alexander Langmuir, EIS Founder and Director in April 1969 at the evening skit during the EIS conference. EIS 1967 was the last class to experience the full two years with Dr. Langmuir. He “retired” the following year, but continued teaching epidemiology—first to Harvard medical students and subsequently at Johns Hopkins where he began his public health career. Dr. Phillip Brachman replaced Dr. Langmuir as EIS Director.



The theme of the gift was major public health events



during our EIS period.

The cartoon depicts EIS Founder and Director Alexander Langmuir wielding a jet vaccinator, representing the launch of the US national measles immunization program, and intra-uterine coils, which had been licensed to prevent pregnancy and were being introduced into family planning programs in the USA (by CDC) and overseas (by USAID). Dr. Langmuir is confronting the targets of those campaigns--a distraught school boy and his anxious mother.

The four Afghani-like figures under the map of the USA are carrying flags which read “Pontiac” and “Hong Kong A2”.

“Pontiac” refers to the outbreak of an acute, severe, short-incubation, self-limited epidemic amongst employees of the Pontiac, Michigan Health Department when it re-opened after the July 4, 1967 long week end. The attack rate was nearly 100%, but there were no fatalities. EIS 1967 class members were pulled out of their class training to go to Pontiac and serve as guinea pigs (those not given masks became ill when the air conditioning was turned back on). This disparity convinced CDC leadership (i.e., Dr. Michael Greg) that the cause was a filterable infectious agent. It was not until 1977, however, that a CDC laboratory scientist (Dr. Joseph McDade) isolated the *Legionella* bacillus from specimens collected from the American Legion Bicentennial Convention at the Bellevue-Stratford Hotel in Philadelphia.

“Hong Kong A2” refers to the 1967-1968 H3N3 Influenza A Virus (current nomenclature) Pandemic that was first recognized in Hong Kong and spread rapidly around the world.

Submitted by Karl A. Western (EIS '67)

## 1968

53 officers

First Native American officer

The story behind this gift is missing. Please contact Judy Gantt at [jgantt@cdc.gov](mailto:jgantt@cdc.gov) if you have information about this gift.



## 1969

46 officers

Our gift is a tongue-in-cheek reference to events that occurred during the two years that the class was at CDC (1969-1971). These include the introduction of rubella vaccine, which had unexpectedly severe side effects of arthritis; grave emerging problems with the strategic plans to eradicate measles and diphtheria; a year-long investigation of a nationwide outbreak of bacteremia produced by contaminated intravenous fluid; an investigation of higher than anticipated toxic effects on the liver by the administration of the drug isoniazid; and difficulties with the budget for the EIS program.\*



I was assigned to Puerto Rico, and did not participate in creating the gift except to sign it. However, I can offer the following additions to John McGowan's comments:

1. The title-- "Philip S. Brachman has completed his first year of applied administrative epidemiology"-- refers to the fact that Phil Brachman took over as Director of the Bureau of Epidemiology in 1970. So, he was in charge for one of our class's two years in the EIS. This must have been the most administratively complex job he had held, and he had enormous shoes to fill. The only previous Director, and the Director during our first EIS year, was Alexander Langmuir.
2. The drawing of the bearded man is the new Director (Philip Brachman). He is kneeling before the image of Alexander Langmuir (the former Director), a God-like figure at CDC who was not known for his humility.
3. The "war in Pakistan to eliminate cholera" refers to the Bangladesh Liberation War that began March 26, 1971, near the end of our second year in the EIS. Before the war, Pakistan consisted of West Pakistan (now Pakistan) and East Pakistan (now Bangladesh). In that war, East Pakistan gained its independence and became Bangladesh. Of course, the war was not really fought to eliminate cholera—that was a joke. CDC was heavily involved in the Cholera Research Laboratory (CRL, later the ICDDR,B) in Bangladesh/East Pakistan, and the war must have been a concern for Phil Brachman. Our humor was somewhat strained! There may have a deeper meaning, such as the government of Bangladesh being more receptive to the activities of the CRL. But I was not involved in cholera then, and I don't know about it.
4. Skiing: this appears to refer to the measles control program. Measles cases were dropping nicely with the use of vaccine, but then there was an unfortunate resurgence of cases. The epidemic curve (shown in the lower right corner) thus shows a nice down slope followed by a sudden hump. On the left, Phil is skiing happily down the down slope of the measles curve; then he skis along a relatively flat part of the curve; and then he runs into the upsurge, and is injured. On the right side, you see the rescue workers carrying his crumpled body up the slope of the increase in measles cases. In the upper right, you see Phil

being treated with intravenous fluids. Unfortunately, the joke, as John described while we were EIS officers, was that Abbott intravenous fluids were found to be contaminated and to cause many illnesses. Poor Phil!

5. I'm not sure about the cartoon in the lower left corner, but it may refer to the new Family Planning Evaluation Division--I believe it was started in 1968 (the year before our class began) by Carl Tyler. I had nothing to do with that Division, but I have vague memories of there being some problems for the Division from right-wing politicians during our EIS years. But if so, why would Phil look so relaxed?

6. The cartoon in the upper left is a bit unclear, but I think it must refer to the country-wide rubella vaccine campaign that occurred during our two years in the EIS. Phil seems to be trying to lure a little boy over to be injected with the rubella vaccine. Phil is holding crutches, which probably refer to the fact that the rubella vaccine was found to cause arthritis in a fair number of recipients.

Submitted by \*John McGowan and Paul Blake (EIS '69)

