Before ''google'' became a verb and we actually had to write and mail letters to our friends and families and call the doctor to find out about medical symptoms, before there was the Internet, there was, in fact, the U.S. Government standing behind sound science and research. So let's talk about what the NIH-funded research has meant for our economy and for our lives.

The U.S. medical innovation sector employs 1 million Americans, generates $84 billion in salaries annually, and exports $90 billion in goods and services. The economic value of gains in the U.S. life expectancy has been estimated at roughly $95 trillion from 1970 to 2000.

Now, that is looking at it from dollars and cents. But think about it in terms of people's lives, extending their lives. That is what is truly significant about this.

Now, since 1990, our Nation has gained about 1 year of longevity every 6 years with the help of NIH research. Medical research, the most advanced of which is often done here in the U.S., has saved millions of lives over the last few decades. Death rates for heart disease have dropped 65 percent over the last 60 years. That is a phenomenal number. Deaths from heart disease have dropped 65 percent over the last 60 years, in part, in a great part, due to NIH funding.

The stent that we use so commonly now with heart disease, discovered, created at NIH. Death rates from cancer down 12 percent, and death rates from strokes down 34 percent, all because of medical research going on right here in the United States, spurred by the help of NIH funding.

I yield to my colleague from California, ERIC SWALWELL, to speak about issues from his perspective.

Mr. SWALWELL of California. Thank you. And I do wish to thank Ms. SPEIER, my neighbor across the San Mateo Bridge, for hosting this Special Order hour on NIH funding.

This is not the first time I have had the opportunity to work with Ms. SPEIER on these issues. In fact, in my short year in Congress, Ms. SPEIER has hosted a number of different roundtables, informal and formal, on the importance of NIH funding, and it is appropriate for her district, having the birthplace of the United States' biotechnology research.

But it is also important that we want the biotech research to stay in the South San Francisco area, to stay in the East Bay area. And the folks in the district who are making advances that will hopefully bend the health care cost curves are counting on the United States Congress to keep NIH funding from being cut. And actually, it is my hope that we can increase it.

The cuts to the NIH mean that there are fewer opportunities right now for biomedical research in the United States. It means that the decline in funding is meaning that there are more promising paths outside the United States for the promising minds who are putting their careers into this research.

Faculty at top universities across the country are reporting cutting labor spending by 7 percent and operating with skeleton staffs, severely limiting job opportunities for any researcher that would want to go into this field. Over 50 percent of university scientists surveyed by the American Society for Biochemistry and Molecular Biology said that they had a colleague who had lost their job or expects to soon because of sequester cuts to NIH funding.

Also, in the United States, while we have been cutting funding, even before the sequester, other countries are increasing and expanding up their biomedical engineering sectors. A study this year found that nearly 20 percent of scientists are considering moving their careers abroad.

I have worked in my first year in Congress to support the NIH, signing on to a letter circulated by Representative ROYBAL-ALLARD from southern California supporting the NIH behavioral and social science research.

I also signed on to a letter supported by Representatives JAN SCHAKOWSKY and BILL YOUNG supporting research at NIH, including through the BRAIN Initiative and, finally, signed on to a letter to the Appropriations Committee asking for support for funding of NIH.

This afternoon, I distributed a letter to my colleagues in the bipartisan United Solutions Caucus, a freshman group of 30 Republican and Democratic freshmen Members, and we are asking them to support this new compromise budget, not because it does what we want, because I would like to see NIH funding go up, but because it will roll back some of the sequester cuts and restore some of the funding at NIH.

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In my district, Ms. SPEIER's district, and across California, scientists are counting on us to restore the NIH funding, to actually increase it with the long-term goal of using NIH funding—the technology and the research that we can put in to bend the health care cost curves. If we don't do that, we are going to continue to see the discretionary spending in the United States continue to contract, and nondiscretionary spending for Medicare costs and Medicaid costs will continue to rise and balloon unless we get a hold by putting funding and research dollars into what can control these diseases and ailments that people in our districts are suffering from. And that only happens by putting research dollars into NIH.

So, again, I want to thank the gentlelady across the San Mateo bridge for her leadership on this issue.

Ms. SPEIER. I thank the gentleman from California. And I thank him for recognizing so early in his career here in Congress the critical need we have not only to support NIH but also the biotechnology companies that are part and parcel of what California has become.

I am now joined by my distinguished colleague from California as well, from the San Diego area, SUSAN DAVIS, who has much more to tell us from her perspective and from her neck of the woods.

Mrs. DAVIS of California. I thank Congresswoman SPEIER for having this Special Order today because the focus on NIH—you know, for so many families, it actually comes down to care for their loved one. That is what they know can happen as a result of proper granting at appropriate levels for the NIH. Simply put, it is really vital to the Nation's health. Without NIH funding, we will not see the breakthroughs that we have seen in the past. NIH funding has led to cures. It has led to treatments and preventions for truly some of the most horrific diseases of our day afflicting everyone.

You know, diseases don't pick and choose between infants and seniors, lower, middle and, we might say, upper class. They don't distinguish. It is kind of equal opportunity for all, and that is why they have to be targeted.

I have been a consistent coleader of the annual NIH appropriations letter, requesting that the House appropriate full funding for the NIH, and the return to full funding is absolutely essential.

NIH is unique in its function. We know that we have an active private sector in our country. That is wonderful. And we certainly see that in my community of San Diego, and my colleague Congressman PETERS talked about this earlier.

But the private sector simply does not have the ability to replace public investment in the NIH. They don't have it. That kind of basic research in science has to come from the United States Government. That is where it has always come from. It has come from there when we even look at the advancements that we have had in technology. And it certainly makes a difference when we think about what we are doing and what our friends, our allies around the world, and even some who are not allies, are doing in this area. So we have got to be competitive. It doesn't make any sense not to be.

We know that the NIH conducts and funds research that is just too expensive—too expensive and too risky for private industry to undertake a loan; and it has led us to major advancements in the understanding of diseases like Alzheimer's, cancer, and Parkinson's.

The research coming out of and the grants coming from NIH are a huge driver of our biotechnology industry; and that, in turn, contributes heavily to our economy. Particularly in San Diego, we see that every single day because that is where the hundreds of jobs, good-paying jobs that allow people to really reach their potential and be purposeful about their work, that is where that comes from.

NIH funding keeps researchers and graduate students employed doing