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SENATE MEMORIAL 29

**55TH LEGISLATURE - STATE OF NEW MEXICO - SECOND SESSION, 2022**

INTRODUCED BY

Leo Jaramillo

A MEMORIAL

RECOGNIZING THE SIGNIFICANT CONTRIBUTIONS OF LOS ALAMOS  
NATIONAL LABORATORY IN RESPONSE TO THE CORONAVIRUS DISEASE 2019  
PANDEMIC.

WHEREAS, rapid innovation was the driving force behind Los  
Alamos national laboratory's response to the coronavirus  
disease 2019 pandemic; and

WHEREAS, new research goals, mitigation successes and  
beneficial collaborations grew from the early critical days of  
2020 when Los Alamos national laboratory pivoted to help  
respond to the coronavirus disease 2019 pandemic; and

WHEREAS, Los Alamos national laboratory responded to the  
coronavirus disease 2019 pandemic by applying its considerable  
capabilities in the fields of science, technology and  
engineering; and

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1           WHEREAS, through significant investments in coronavirus  
2 disease 2019 pandemic mitigations and ongoing research and  
3 development, important advancements that benefited the global  
4 population were made to address the pandemic; and

5           WHEREAS, in response to the coronavirus disease 2019  
6 pandemic, Los Alamos national laboratory invested twenty-four  
7 million two hundred thousand dollars (\$24,200,000) in fiscal  
8 years 2020 and 2021; and

9           WHEREAS, twenty million four hundred thousand dollars  
10 (\$20,400,000) was spent on research and development projects,  
11 three million dollars (\$3,000,000) was spent on coronavirus  
12 disease 2019 testing and processing and eight hundred thousand  
13 dollars (\$800,000) was spent on technology evaluation and  
14 demonstration; and

15           WHEREAS, through its response, Los Alamos national  
16 laboratory:

17           A. modeled coronavirus disease 2019 infection data  
18 using biosurveillance;

19           B. analyzed mobility data to forecast coronavirus  
20 disease 2019 transmission rates;

21           C. analyzed mutations of SARS-CoV-2, the virus that  
22 causes coronavirus disease 2019;

23           D. used computing to forecast emerging SARS-CoV-2  
24 variants;

25           E. modeled expected hospital usage;

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1 F. evaluated the effectiveness of coronavirus  
2 disease 2019 mitigation efforts;

3 G. provided web-based, publicly available data  
4 about the coronavirus disease 2019; and

5 H. assessed hundreds of potential coronavirus  
6 disease 2019 pandemic scenarios for national and regional  
7 decision makers; and

8 WHEREAS, the formation of a special office for coronavirus  
9 disease 2019 helped with communication, coordination and  
10 prioritization of the vital, life-saving contributions to the  
11 urgent response of Los Alamos national laboratory;

12 NOW, THEREFORE, BE IT RESOLVED BY THE SENATE OF THE STATE  
13 OF NEW MEXICO that the significant contributions of Los Alamos  
14 national laboratory in response to the coronavirus disease 2019  
15 pandemic be recognized; and

16 BE IT FURTHER RESOLVED that a copy of this memorial be  
17 transmitted to the director of Los Alamos national laboratory.