

1 A MEMORIAL

2 RECOGNIZING THE SIGNIFICANT CONTRIBUTIONS OF LOS ALAMOS
3 NATIONAL LABORATORY IN RESPONSE TO THE CORONAVIRUS DISEASE
4 2019 PANDEMIC.

5
6 WHEREAS, rapid innovation was the driving force behind
7 Los Alamos national laboratory's response to the coronavirus
8 disease 2019 pandemic; and

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

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

17 WHEREAS, through significant investments in coronavirus
18 disease 2019 pandemic mitigations and ongoing research and
19 development, important advancements that benefited the global
20 population were made to address the pandemic; and

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

25 WHEREAS, twenty million four hundred thousand dollars

1 (\$20,400,000) was spent on research and development projects,
2 three million dollars (\$3,000,000) was spent on coronavirus
3 disease 2019 testing and processing and eight hundred
4 thousand dollars (\$800,000) was spent on technology
5 evaluation and demonstration; and

6 WHEREAS, through its response, Los Alamos national
7 laboratory:

8 A. modeled coronavirus disease 2019 infection data
9 using biosurveillance;

10 B. analyzed mobility data to forecast coronavirus
11 disease 2019 transmission rates;

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

14 D. used computing to forecast emerging SARS-CoV-2
15 variants;

16 E. modeled expected hospital usage;

17 F. evaluated the effectiveness of coronavirus
18 disease 2019 mitigation efforts;

19 G. provided web-based, publicly available data
20 about the coronavirus disease 2019;

21 H. assessed hundreds of potential coronavirus
22 disease 2019 pandemic scenarios for national and regional
23 decision makers; and

24 WHEREAS, the formation of a special office for
25 coronavirus disease 2019 helped with communication,

1 coordination and prioritization of the vital, life-saving
2 contributions to the urgent response of Los Alamos national
3 laboratory;

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

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

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