

MAR 12 2021

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# SENATE RESOLUTION

COMMENDING THE GOVERNOR ARIYOSHI FOUNDATION FOR ITS SUSTAINED VISION AND LEADERSHIP IN SUPPORTING SPACE RESEARCH AND EXPLORATION THROUGH THE HAWAII SPACE INDUSTRY INNOVATION PROGRAM (HISPACE) AND ENDORSING THIS PROGRAM'S ONGOING EFFORTS TO ESTABLISH A GLOBAL ALLIANCE FOR INTERNATIONAL COLLABORATION IN SPACE (GALIX), HEADQUARTERED IN HAWAII, AS A MULTINATIONAL COALITION TO BOTH EXPAND AND DIVERSIFY SPACE VENTURES FOR ALL OF HUMANKIND, THEREBY ENHANCING HAWAII'S PIONEERING ROLE ON THE FRONTIERS OF SPACE.

1           WHEREAS, humanity is now embarking on a new era of space  
2 enterprise, with both public and private research and development  
3 institutions worldwide exploring innovative approaches to advance  
4 space science, exploration, and development; and  
5

6           WHEREAS, leveraging these innovations, space-faring nations  
7 are working to expand and diversify their space-related activities,  
8 while non space-faring countries will also benefit from pioneering  
9 technologies emerging through this revolution - enabling pathways  
10 for all of humanity to engage on the frontiers of space; and  
11

12           WHEREAS, over the past half century, Hawaii has played an  
13 instrumental and inspiring role enabling humankind's exploration  
14 of the Cosmos - from the training of Apollo astronauts that  
15 pioneered manned missions to the Earth's Moon, to the  
16 development of world-class telescopes that are rapidly expanding  
17 our knowledge of and insights into the Cosmos; and  
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19           WHEREAS, Hawaii's strategic mid-Pacific near-equatorial  
20 location, Moon and Mars-like terrain, resident scientific and  
21 engineering expertise, and long-standing ties with the National  
22 Aeronautics and Space Administration (NASA), the Japanese  
23 Aerospace Exploration Agency (JAXA), the European Space Agency  
24 (ESA), and other leading space research and development programs  
25 worldwide, afford strategic assets and capabilities that can be  
26 further leveraged to help realize humankind's full potential in



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1 space, as well as enable our State to expand its role as a major  
2 contributor to and beneficiary of global space initiatives; and  
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4 WHEREAS, recognizing this potential, a team of visionary  
5 space professionals, coordinated through the Governor Ariyoshi  
6 Foundation's Hawaii Space Industry Innovation Program (HiSPACE),  
7 is now exploring creative ways to engage with government agencies,  
8 scientific institutions, universities, commercial space ventures,  
9 and space organizations worldwide - leveraging Hawaii's strategic  
10 space assets and capabilities in promoting public-private  
11 partnerships and international alliances that can help reduce the  
12 costs, enhance the benefits, and accelerate timetables for future  
13 space exploration and development; and  
14

15 WHEREAS, known as the Global Alliance for International  
16 Collaboration in Space (GALIX), this initiative will both inspire  
17 and promote innovative approaches to space enterprise, exploring  
18 multiple opportunities to expand and diversify space education,  
19 training, and research that could advance space missions (robotic  
20 and human) to the Moon, Mars, and other solar system bodies, as  
21 well as enrich and help sustain human civilizations on Earth; and  
22

23 WHEREAS, the multiple value-added opportunities promoted  
24 through the GALIX initiative program include, but will not be  
25 limited to, innovative space education activities, diverse space  
26 training initiatives, and pioneering space research and  
27 development to both promote and enable collaborative space  
28 enterprise that ultimately will engage and directly benefit all  
29 of humankind; and  
30

31 WHEREAS, GALIX goals and operational objectives will be  
32 developed by an international steering committee over the coming  
33 months, and will be designed to explore and promote new types of  
34 cooperative space ventures and related financing, as well as  
35 innovative organizational models and international alliances,  
36 that can help expand and diversify humankind's exploration of and  
37 development in space; and  
38

39 WHEREAS, GALIX will seek to promote its multiple goals and  
40 operational objectives through memoranda of understanding with key  
41 space institutions and organizations, publications in key space



1 journals, discussions during space webinars with the global space  
2 community, and presentations through online media; and  
3

4 WHEREAS, progress toward achieving these goals will be  
5 measured by the breadth and diversity of GALIX initiatives, the  
6 number and diversity of organizations and institutions engaged in  
7 this enterprise, and the extent and long-term sustainability of  
8 public-private partnerships and multinational alliances launched  
9 to enable and promote GALIX initiatives; and  
10

11 WHEREAS, GALIX will be reaching out to a broad range of  
12 institutions and programs to engage with this alliance, including  
13 space agencies and councils, space associations and societies,  
14 international space organizations and relevant U.N. offices and  
15 agencies, universities and research institutes with space  
16 interests, space corporations, space-related foundations and  
17 organizations, and space media; and  
18

19 WHEREAS, these partnerships will build upon and promote  
20 collaboration with and support for ongoing space enterprise  
21 statewide - including but not limited to the Hawaii Space Industry  
22 Innovation Program (HiSPACE), the Hawaii Space Exploration Analog  
23 and Simulation (HI-SEAS) Program, the Pacific International Space  
24 Center for Exploration Systems (PISCES), the Hawaii Space Flight  
25 Laboratory (HSFL), the Institute for Astronomy (IfA), the Blue  
26 Planet Foundation (BPF), and the International MoonBase Alliance  
27 (IMA); now, therefore,  
28

29 BE IT RESOLVED by the Senate of the Thirty-first  
30 Legislature of the State of Hawaii, Regular Session of 2021,  
31 that the Governor Ariyoshi Foundation is commended for its  
32 sustained vision and leadership in supporting space research and  
33 exploration through the Hawaii Space Industry Innovation Program  
34 (HiSPACE) and endorsing this program's ongoing efforts to  
35 establish a Global Alliance for International Collaboration in  
36 Space (GALIX), headquartered in Hawaii, as a multinational  
37 coalition to both expand and diversify space ventures for all  
38 humankind, thereby enhancing Hawaii's pioneering role on the  
39 frontiers of space; and  
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41 BE IT FURTHER RESOLVED that the Legislature acknowledges and  
42 wishes to help advance the strategic role Hawaii can play and



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1 significant benefits our State can realize in pursuing the  
 2 substantial scientific, educational, and economic opportunities  
 3 afforded through space research, exploration, and development;  
 4 and

5  
 6 BE IT FURTHER RESOLVED that the Global Alliance for  
 7 International Collaboration in Space (GALIX), established through  
 8 the Hawaii Space Industry Innovation Program (HiSPACE) of the  
 9 Governor Ariyoshi Foundation and engaging aerospace professionals  
 10 from around the world, has tremendous potential to advance both  
 11 public-private partnerships and international alliances that can  
 12 expand and diversify humankind's exploration of the Cosmos, and  
 13 in so doing strengthen Hawaii's pioneering and leadership role in  
 14 space enterprise; and

15  
 16 BE IT FURTHER RESOLVED that to promote and realize the  
 17 vision and full potential of GALIX, the State of Hawaii (through  
 18 both its executive and legislative branches) shall explore ways  
 19 to provide state support (both administrative and funding) for  
 20 the GALIX initiative in consultation with the HiSPACE Advisory  
 21 Team and the Governor Ariyoshi Foundation; and

22  
 23 BE IT FURTHER RESOLVED that certified copies of this  
 24 Resolution shall be transmitted to the Governor; Lieutenant  
 25 Governor; Director of the Department of Business, Economic  
 26 Development, and Tourism; President of the University of Hawaii;  
 27 Adjutant General; Commander of the United States Indo-Pacific  
 28 Command; Commander of the United States Pacific Fleet; Commander  
 29 of the Pacific Air Forces; Commanding General of the United States  
 30 Army Pacific; Commander of the United States Marine Corps Forces,  
 31 Pacific; Administrator of the Federal Aviation Administration; and  
 32 Administrator of the National Aeronautics and Space  
 33 Administration.

34  
 35  
 36 OFFERED BY: *[Signature]*

**By Request**

