

1 **RESOLUTION 1920-SP-009**

2 **A RESOLUTION CALLING FOR THE EXPANSION OF AUTOMATIC EXTERNAL DEFIBRILATORS ON**  
3 **CAMPUS**

4 Authors: Tyler Beauregard (.13), Delegate, Health & Rehabilitation Sciences  
5 Sponsor: Health, Wellness, & Safety Commission  
6

7 WHEREAS, The Council of Graduate Students is vested with authority to voice graduate student  
8 concerns and needs to the University; and  
9

10 WHEREAS public access to defibrillators has been identified as an important public health<sup>1</sup> service that reduces  
11 morbidity and mortality after cardiac arrest; and  
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13 WHEREAS cardiac arrest can be caused by a number of different common diseases such as stimulant  
14 drug/medication use and choking; and  
15

16 WHEREAS, the single greatest predictor of survival from cardiac arrest is time to defibrillation<sup>2</sup>; and  
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18 WHEREAS, The American Heart Association Emergency Cardiac Care guidelines call for a shock to be  
19 delivered within five minutes of collapse from cardiac arrest<sup>3</sup>; and  
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21 WHEREAS, that five-minute time frame includes the time to locate, retrieve, return with, and apply the  
22 defibrillator, and for the defibrillator to analyze the individual's heart rhythm and charge the shock; and  
23

24 WHEREAS, The Engineering Laboratory for Human Factors/Ergonomics/Safety within The Department of  
25 Integrated Systems Engineering maintains the only known comprehensive list of AEDs on OSU's Columbus  
26 Campus excluding The College of Medicine<sup>4</sup>; and  
27

28 WHEREAS, that list only documents 123 AEDs across 75 buildings; and  
29

30 WHEREAS, OSU's Columbus Campus has 631 buildings; and  
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32 WHEREAS, less than 20% of buildings on the Columbus campus have even one AED; and  
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34 WHEREAS, many of the buildings in the College of Medicine are also deficient in the density and distribution  
35 of AEDs within; and

Council of Graduate Students  
at The Ohio State University

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<sup>1</sup> CDC, "Public Access Defibrillation (PAD) State Law Fact Sheet," Centers for Disease Control and Prevention, February 6, 2019, [https://www.cdc.gov/dhds/pubs/pad\\_slfs.htm](https://www.cdc.gov/dhds/pubs/pad_slfs.htm); Clifford Stearns, "Public Health Improvement Act," Pub. L. No. H.R. 2498 (2000), <https://www.govinfo.gov/content/pkg/BILLS-106hr2498enr/pdf/BILLS-106hr2498enr.pdf>; G. Martin Wagner and Arthur J. Lawrence, "Public Access Defibrillation Guidelines," *Federal Register* 66, no. 100 (May 23, 2001): 28495–511; Myron L. Weisfeldt et al., "Public Access Defibrillation: A Statement for Healthcare Professionals From the American Heart Association Task Force on Automatic External Defibrillation," *Circulation* 92, no. 9 (November 1, 1995), <https://doi.org/10.1161/01.CIR.92.9.2763>.

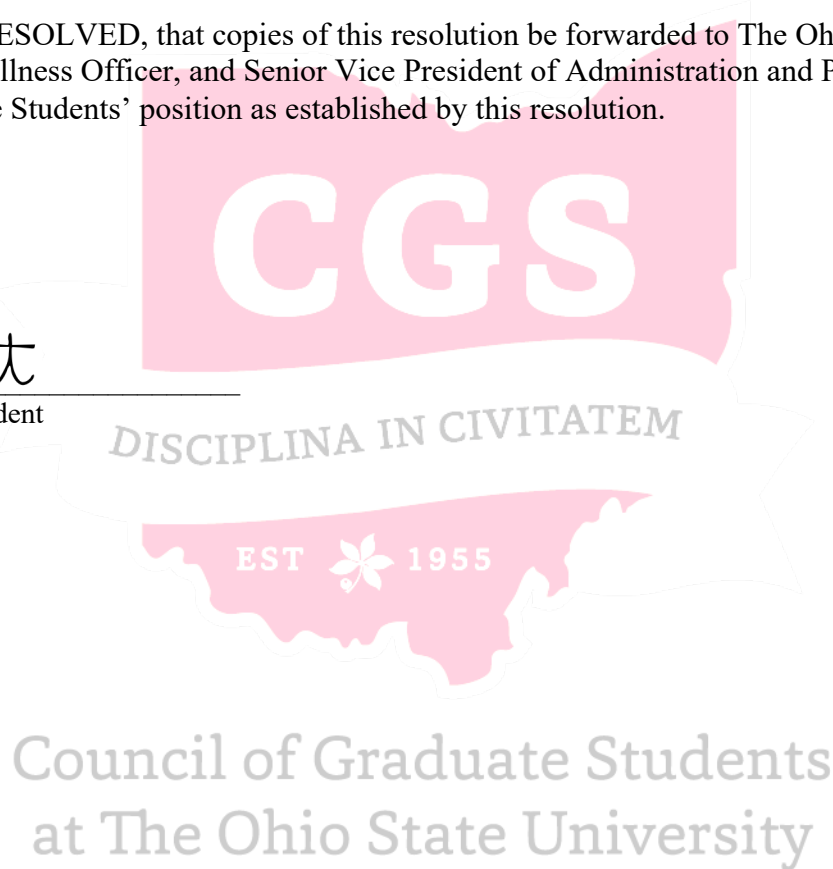
<sup>2</sup> Terence D. Valenzuela et al., "Estimating Effectiveness of Cardiac Arrest Interventions: A Logistic Regression Survival Model," *Circulation* 96, no. 10 (November 18, 1997): 3308–13, <https://doi.org/10.1161/01.CIR.96.10.3308>; Comilla Sasson et al., "Predictors of Survival From Out-of-Hospital Cardiac Arrest: A Systematic Review and Meta-Analysis," *Circulation: Cardiovascular Quality and Outcomes* 3, no. 1 (January 2010): 63–81, <https://doi.org/10.1161/CIRCOUTCOMES.109.889576>.

<sup>3</sup> American Heart Association, "Part 4: The Automated External Defibrillator," *Circulation* 102, no. suppl\_1 (August 22, 2000): I–60, [https://doi.org/10.1161/circ.102.suppl\\_1.I-60](https://doi.org/10.1161/circ.102.suppl_1.I-60).

<sup>4</sup> Carolyn M. Sommerich, "AED-List-Distributed-2019-05-17-1.Pdf" (Engineering Laboratory for Human Factors/Ergonomics/Safety, May 17, 2019), <https://cpb-us-w2.wpmucdn.com/u.osu.edu/dist/a/52702/files/2019/05/AED-list-distributed-2019-05-17-1.pdf>.

36 WHEREAS a group of 45 highly motivated students specifically looking for AEDs across the Columbus  
37 campus, excluding The College of Medicine were only able to locate 22 of them<sup>5</sup>; and  
38  
39 WHEREAS when those students asked building staff members for help, the staff members commonly said that  
40 they did not know what an AED is let alone where to find one; and  
41  
42 WHEREAS these findings are all echoed in a 2013 report by the Engineering Laboratory for Human  
43 Factors/Ergonomics/Safety within the Department of Integrated Systems Engineering, indicating that these  
44 problems have been identified and unaddressed for at least seven years<sup>6</sup>;  
45  
46 THEREFORE, BE IT RESOLVED, that the Council of Graduate Students calls for The Ohio State University  
47 to place an AED in a conspicuous, signed location near the main entrance of every building on the Columbus  
48 campus at a minimum; and  
49  
50 BE IT FINALLY RESOLVED, that copies of this resolution be forwarded to The Ohio State University  
51 President, Chief Wellness Officer, and Senior Vice President of Administration and Planning to advance the  
52 Council of Graduate Students' position as established by this resolution.  
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54  
55 Approved:  Yes/No  
56  
57 Date: \_\_3/6/20\_\_  
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60 \_\_\_\_\_  
61 Stephen J. Post, President



<sup>5</sup> *Ohio State University AEDs*, 2019, 2019,

<https://drive.google.com/open?id=1YzwQ1bebI3zpZkgEgfdHKZ1s1dFHs5pv&usp=sharing>.

<sup>6</sup> Dana Keester, "A Survey of AED Locations at the Columbus Campus of The Ohio State University" (Columbus, OH: Ohio State University, December 2013), <https://cpb-us-w2.wpmucdn.com/u.osu.edu/dist/a/52702/files/2017/09/OSU-AED-report-keester-sommerich-2013-12wd-wqel2i.pdf>.