

1 **RESOLUTION 2021-017**

2 **A RESOLUTION AFFIRMING THE NEED FOR IMPROVED BIKE INFRASTRUCTURE**

3 Authors: Robert Dahlberg-Sears, Delegate (Music); Wanderson NovaisPereira.1, Chair, Sustainability and Environmental  
4 Responsibility Committee

5 Sponsor: Sustainability and Environmental Responsibility Committee

6  
7 WHEREAS the Council of Graduate Students (CGS) represents all graduate students at The Ohio State University as  
8 established by Article 2, Section 1 of the CGS Constitution; and

9  
10 WHEREAS the Council of Graduate Students or its appointed representative(s) have the power to act as an advisory agent  
11 on behalf of graduate students on all matters brought before personnel, committees, or agencies of The Ohio State  
12 University involving the interest of graduate students as established in Article 3, Section 3 of the CGS Constitution; and

13  
14 WHEREAS the Sustainability and Environmental Responsibility Committee (SERC) advocates for sustainability and  
15 environment-friendly policies and procedures within CGS and across The Ohio State University; and

16  
17 WHEREAS The Ohio State’s sustainability goals<sup>1</sup> to “increase Ohio State’s national/international reputation as a  
18 sustainability research leader” and “support the long-term economic, social and environmental welfare of the campus,  
19 surrounding neighborhoods and the global community” should set an example for innovation through the use of clean  
20 renewable energy, sustainable community development, and ecosystem protection and preservation; and

21  
22 WHEREAS The Ohio State University’s Climate Action Plan per the Presidents’ Climate Leadership Commitment is  
23 committed to carbon neutrality by 2050<sup>2</sup>; and

24  
25 WHEREAS we are facing a global climate emergency<sup>3</sup> in which fossil fuels contribute to a loss of biodiversity<sup>4</sup>,  
26 degradation and disturbance of habitats.<sup>5</sup> Fossil fuel powered vehicles in particular have been linked to adverse health  
27 outcomes, many of which especially affect vulnerable populations such as children, the elderly, and those with chronic  
28 health conditions<sup>6</sup>; and

29  
30 WHEREAS there is an immediate need to decarbonize our economy and activities, including industries, transportation,  
31 and energy<sup>7</sup>; and

32  
33 WHEREAS 93% of United States anthropogenic carbon dioxide (CO<sub>2</sub>) emission are due to fossil fuel combustion<sup>8</sup> with  
34 the transportation sector, which includes passenger vehicles, being the largest contributor of anthropogenic greenhouse  
35 gas (GHG), contributing 28% of total US GHG<sup>9</sup>; and

36  
37 WHEREAS adequate bicycling infrastructure results in less reliance on and use of fossil fuel powered vehicles<sup>10</sup>; and

38  
39 WHEREAS the University is embedded in a growing urban environment with projected population increase to three  
40 million people by 2050<sup>11</sup>; and

41  

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<sup>1</sup> [https://president.osu.edu/sites/default/files/documents/2019/10/sustainability\\_goals\\_8\\_14\\_19.pdf](https://president.osu.edu/sites/default/files/documents/2019/10/sustainability_goals_8_14_19.pdf)

<sup>2</sup> [https://si.osu.edu/sites/default/files/CAP\\_Final\\_04082020.pdf](https://si.osu.edu/sites/default/files/CAP_Final_04082020.pdf)

<sup>3</sup> <https://www.unenvironment.org/explore-topics/climate-change/facts-about-climate-emergency>

<sup>4</sup> <https://artsandsciences.osu.edu/news/climate-change-ohio>

<sup>5</sup> <https://conbio.onlinelibrary.wiley.com/doi/full/10.1111/conl.12448>

<sup>6</sup> [https://www.euro.who.int/\\_data/assets/pdf\\_file/0006/74715/E86650.pdf](https://www.euro.who.int/_data/assets/pdf_file/0006/74715/E86650.pdf)

<sup>7</sup> <https://www.ipcc.ch/2018/10/08/summary-for-policymakers-of-ipcc-special-report-on-global-warming-of-1-5c-approved-by-governments/>

<sup>8</sup> <https://www.eia.gov/energyexplained/energy-and-the-environment/where-greenhouse-gases-come-from.php>

<sup>9</sup> <https://nepis.epa.gov/Exe/ZyPDF.cgi?Dockkey=P100ZK4P.pdf>

<sup>10</sup> See: Johansson C, Lövenheim B, Schantz P, Wahlgren L, Almström P, Markstedt A, Strömgren M, Forsberg B, and Sommar JN. “Impacts on Air Pollution and Health by Changing Commuting from Car to Bicycle.” *The Science of the Total Environment* 584-585 (2017): 55–63. See also: <https://nacto.org/2016/07/20/high-quality-bike-facilities-increase-ridership-make-biking-safer/>

<sup>11</sup> <https://radio.wosu.org/post/columbus-expects-3-million-residents-2050-where-will-they-live#stream/0>

42 WHEREAS recent University strategies have taken steps to improve the ease, safety, and accessibility for non-motorized  
43 vehicles on campus and has been recognized as a Bicycle Friendly University at the 3rd highest of 4 levels by the League  
44 of American Cyclists; and  
45  
46 WHEREAS the League of American Cyclists ranks Universities and communities based on a scale of Bronze, Silver,  
47 Gold, and Platinum and provides suggestions for how to improve current rankings following assessments (see Appendix  
48 B); and  
49  
50 WHEREAS the timeline for improvement between Bronze and Silver level was 8 years (2011-2019), the improvement  
51 from Silver to Gold in a comparable time frame (2019-2027) should be possible considering the University's current  
52 sustainability commitments; and  
53  
54 WHEREAS a further transition to Platinum level by 2031 would bring Ohio State in line with the top of our comparable  
55 institutions for bicycle friendly behavior  
56  
57 WHEREAS the University has developed a Columbus Campus Transportation and Parking Plan (Appendix C) with  
58 recommendations for improving personal and public transportation in the campus area; and  
59  
60 WHEREAS improvements to bicycle infrastructure benefit all members of the campus area by reducing motor vehicle  
61 traffic, providing improved ease of access for alternative modes of cross-campus transit; lessening reliance on private  
62 vehicles thus increasing available parking for students who require it;  
63  
64 THEREFORE, BE IT RESOLVED that the Council of Graduate Students calls upon The Ohio State University to create a  
65 specifically bicycle transportation plan to be updated at least every five years; and  
66  
67 BE IT FURTHER RESOLVED that this plan be developed with input from the University District, the City of Columbus,  
68 the City of Upper Arlington, and the Central Ohio Transit Authority (COTA); and  
69  
70 BE IT FURTHER RESOLVED this plan should result in attaining a Gold level Bicycle Friendly University certification  
71 from the League of American Cyclists by 2027 and a Platinum level certification by 2031<sup>12</sup>; and  
72  
73 BE IT FURTHER RESOLVED that comparable plans should be established at all satellite campuses of the University;  
74 and  
75  
76 BE IT FURTHER RESOLVED the Ohio State University shall establish a permanent Bicycle Advisory Committee and  
77 Working Group with membership drawn from each of the representative bodies of students, faculty, staff, and the Office  
78 of Facilities, Operations, and Development (FOD); and in consultation with the Ohio State University Center for Urban  
79 and Regional Analysis; and  
80  
81 BE IT FURTHER RESOLVED as The Ohio State is forming leaders and citizens that will contribute to the future of the  
82 world, CGS requests that the University take up the proposed Columbus Campus Transportation and Parking Plan; and  
83  
84 BE IT FURTHER RESOLVED that the University shall work with COTA to immediately expand on-campus personal  
85 transit sharing models; and  
86  
87 BE IT FURTHER RESOLVED that the University shall evaluate the needs for implementing minimum bicycle parking  
88 requirements at every campus building and larger centralized bike stations areas, both in consultation with the FOD; and  
89

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<sup>12</sup> The League of American Cyclists Bicycle Friendly University Ranking is not meant to be an end point, but rather a beginning. The authors acknowledge that no single metric can be truly indicative of safety but wish to establish a beginning goal in order to present well-outlined, achievable results.

90 BE IT FURTHER RESOLVED that the University shall establish an introductory bicycle education program to be offered  
91 to all new students at the beginning of every semester and an ongoing public bicycle outreach program to educate  
92 community members, students, faculty, and staff and promote cycling in the campus and greater Columbus area; and  
93

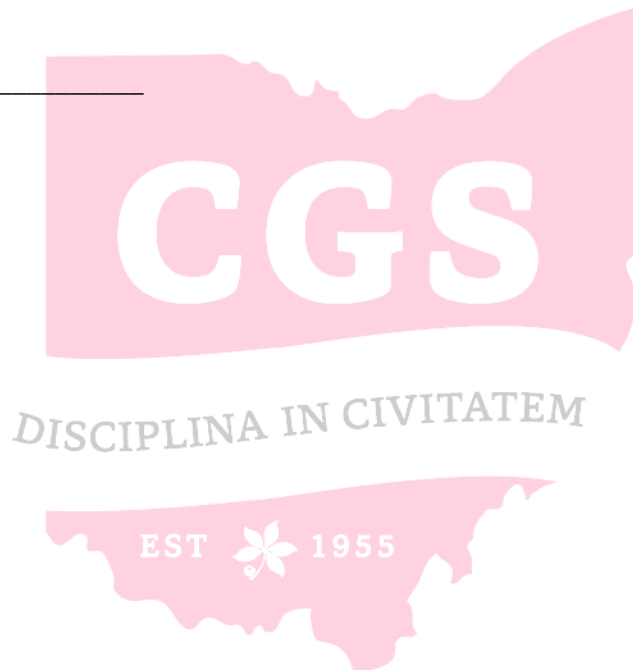
94 BE IT FINALLY RESOLVED that the Council of Graduate Students directs its President, Vice President, and Chief of  
95 Staff to distribute this resolution to all proper leadership and authorities of The Ohio State University and its partners.  
96

97  
98 Approved: **Yes**/No  
99 63 Yeas, 1 Nay, 1 Abstention

100  
101 Date: \_\_3/5/21\_\_  
102  
103

*Stephen J. Post*

104 \_\_\_\_\_  
105 Stephen J. Post, President  
106



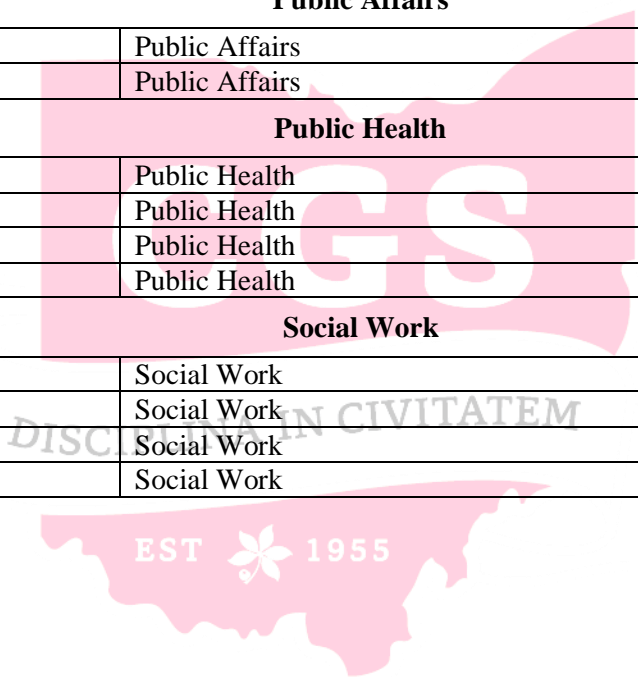
Council of Graduate Students  
at The Ohio State University

Delegate Name	Delegate Seat	Vote
<b>Arts &amp; Sciences</b>		
Benjamin Mertus.3	Anthropology	Yea
Robin Gordon.215	Arts Administration, Education, & Policy	Yea
Greg Jameson.61	Biophysics	Yea
Maddy Lomax-Vogt.2	Chemistry	Yea
Alexander Milder.3	Chemistry	
Ashweta Sahni.16	Chemistry	Yea
Kye Stachowski.7	Chemistry	
Morgan Ross.1655	Communication	Yea
Rob Barry.213	Comparative Studies	
Laura Neese.13	Dance	Yea
Lindsey Hernandez.641	Earth Sciences	Yea
John Bundschuh.8	East Asian Languages & Lit	Yea
Alan Lujan.14	Economics	Yea
Keira Hambrick.25	English	Yea (Alt: Ellis.850)
Jamie Utphall.1	English	Yea
Mary Sagatelova.2	Evolution, Ecology, & Organic Biology	
Erik Scaltitri.1	French & Italian	Yea
Polina Berezina.1	Geography	Yea
Meaghann Dynes.19	Germanic Languages & Lit	
Greyson Teague.78	History	
Yifan Li.8320	History of Art	Yea
Katie Conner.280	Linguistics	Yea
Luke Andrejek.1	Mathematics	
Kacey Clark.3684	Mathematics	
Andrew Wilson.3787	Microbiology	
Swetha Rajasekaran.11	Molecular Genetics	Yea
Kelsey Pinckard.6	Molecular, Cellular, & Developmental Biology	Yea (Alt: Abdebaky.1)
Robert Dahlberg-Sears.1	Music	Yea
Zari Mahmoudi.4	Near Eastern Languages & Cultures	
Jenna Greve.41	Ohio State Biochemistry Program	
Todd DeRose.28	Philosophy	Yea
Jahmour Givans.2	Physics	Yea
Charlie Mace.103	Physics	Yea
Jay Padayasi.1	Physics	Yea
Daniel Smith.13091	Political Science	
Ekaterina Tikhonyul.1	Slavic & East European Languages & Cultures	Yea
Story Edison.22	Sociology	Yea
Kendra Dickinson.130	Spanish & Portuguese	Yea
Riley DeBacker.2	Speech & Hearing	Yea
Bethany Frick.70	Speech & Hearing	Yea
Morgan Heyde.9	Statistics	
Kumar Somnath.1	Statistics	
Aviva Neff.336	Theatre	Yea
Robert Cremins.3	Women's, Gender, & Sexuality Studies	Yea
<b>Fisher College of Business</b>		
Matthew Stuckey.56	Business Administration	
Akanksha Sahni.22	Management & Human Resources	

<b>Dentistry</b>		
Michelle Scott.1445	Dentistry	Yea
<b>Education &amp; Human Ecology</b>		
Christian Hines.350	Teaching & Learning	
Ho-Chieh Lin.2532	Teaching & Learning	
Xinyue Lu.2092	Teaching & Learning	Yea
Doricka Menefee.18	Teaching & Learning	Yea
Javonte Lipsey.25	Human Sciences	Nay
Derek Walton.425	Human Sciences	Yea
Steph Charles.211	Educational Studies	
Paul Gregor.32	Educational Studies	
Noor Khalayleh.1	Educational Studies	
Goran Stevanovski.	Educational Studies	Yea
<b>Engineering</b>		
Ali Asghariadib.1	Mechanical & Aerospace Engineering	
Melika Shahhosseini.2	Mechanical & Aerospace Engineering	
Felipe Pacci Evaristo.1	Material Science & Welding Engineering	Yea
Ana Velasquez Giraldo.1	Food, Agricultural, & Biological Engineering	Yea
Ty Drayton.18	Engineering Education	
Om Prakash Bedant.1	Electrical & Computer Engineering	Yea
Jacob Compaleo.2	Electrical & Computer Engineering	
Krutant Mehta.337	Electrical & Computer Engineering	
Ada Barach.8	Computer Science & Engineering	Yea
Pouya Kousha.2	Computer Science & Engineering	
Garrett Tatum.71	Civil Engineering	Yea
Archit Datar.10	Chemical Engineering	
Ashwin Kane.314	Chemical Engineering	
<b>EST Architecture</b>		
Brett Wedding.10	Architecture	
Rosie Rabati.1	Architecture	
<b>Food, Agricultural, &amp; Environmental Sciences</b>		
Nathaniel Neiden.22	Plant Pathology & Agriculture	
Jordan Hartman.635	Horticultural & Crop Science	Yea
Ellia La.18	Food Science & Technology	Yea
Sarah Haines.241	Environmental Sciences	Yea
Dominique Nagasawa (magistrado.1)	Entomology	Yea
Benjamin Duran.83	Animal Sciences	Abstain
Colby Gregg.186	Agricultural Communication, Education, & Leadership	Yea
<b>Environment &amp; Natural Resources</b>		
Wanderson Novais Pereira.1	Environment & Natural Resources	Yea
Maritza Pierre.77	Environment & Natural Resources	Yea
<b>College of Medicine</b>		
Jessica Blackburn.243	Graduate Medical Science	Yea
Shontiarra Johnson.8278	Graduate Medical Science	
Lauren Riley.865		Yea
Roy Chang.1541	Biomedical Sciences Graduate Program	

Paul Consiglio.4	Biomedical Sciences Graduate Program	
Shane O'Neil.175	Neuroscience Graduate Program	Yea
<b>Health &amp; Rehabilitation Sciences</b>		
Adam Culiver.1	Health & Rehabilitation Sciences	
Steph Fanelli.18	Health & Rehabilitation Sciences	
Madison Mize.29	Health & Rehabilitation Sciences	
Megan Zib.1	Health & Rehabilitation Sciences	Yea
<b>College of Nursing; College of Optometry; College of Pharmacy</b>		
Ericka Velez-Bonet.1	Ohio State Nutrition Program	Yea
Annedra Gladney.9	Nursing	
Bryan Remaily.1	Pharmacy	
Austin DeGroff.23	Optometry	Yea
<b>Public Affairs</b>		
Carrington Conerly.2	Public Affairs	Yea
Caroline Fitzpatrick.271	Public Affairs	Yea
<b>Public Health</b>		
Selasi Attipoe.1	Public Health	
Anthony Bowersock.26	Public Health	Yea
Sarah Hyman.62	Public Health	Yea
Brian O'rourke.130	Public Health	Yea
<b>Social Work</b>		
Megan Espana.5	Social Work	
Marie Rineveld.1	Social Work	Yea
Karla Shockley McCarthy.1	Social Work	Yea
Yitong Xin.93	Social Work	Yea

107



Council of Graduate Students  
at The Ohio State University