

STEM Alliance

2021 Legislative Session Review & 2022 Legislative Session Planning



Marc Webster, *WSAC*

Dr. Bish Paul, *Washington STEM*

Juliette Schindler-Kelly, *College Success Foundation*

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2021 Session Review

Budget

Bill #	Abbrev. Title	Short Description	Status	Sponsor
ESHB 1368 (SB 5344)	Federal funding/COVID-19	Responding to the COVID-19 pandemic through state actions supported by federal funding.	C 3 L 21	Ormsby
ESSB 5092 (SHB 1094)	Operating budget	Making 2021-2023 fiscal biennium operating appropriations.	C 334 L 21	Rolfes

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2021 Session Review

Clear STEM Connection

Bill #	Abbrev. Title	Short Description	Status	Sponsor
SHB 1425	CTC student scholarships	Expanding scholarships for community and technical college students.	C 133 L 21	Taylor
E2SHB 1504	Workforce ed. investment act	Modifying the workforce education investment act.	C 170 L 21	Chopp
SB 5299	Computer science/HS grad.	Allowing the use of computer science credits for the purpose of graduation requirements.	C 307 L 21	Wellman
SSB 5401	CTC computer science degrees	Authorizing community and technical colleges to offer bachelor degrees in computer science.	C 147 L 21	Nguyen

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2021 Session Review

STEM Impact

Bill #	Abbrev. Title	Short Description	Status	Sponsor
HB 1119	Low-cost course material/bac	Notifying students of courses with low-cost instructional materials and open educational resources at the four-year institutions of higher education.	C 152 L 21	Jacobsen
SHB 1302	An act relating to College in the High School programs	Concerning college in the high school programs	C 71 L 21	Berg
E2SHB 1365	An act relating to procuring and supporting appropriate computers and devices for public school students and instructional staff	Procuring and supporting appropriate computers and devices for public school students and instructional staff	C 301 L 21	Gregerson
SSB 5228	Medical training/equity	Addressing disproportionate health outcomes by building a foundation of equity in medical training.	C 96 L 21	Randall
SSB 5249	Mastery-based learning	Supporting mastery-based learning.	C 144 L 21	Wellman
ESSB 5321	College bound scholarship	Expanding access to the college bound scholarship.	C 283 L 21	Nobles

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2021 Session Review

STEM-Related Budget Provisos

UW Medical Center/Harborview Support	\$40 M
UW-WWAMI/Spokane Medical Education	\$2.3 M
UW School of Dentistry	\$2.0 M
Washington State University medical school	\$3.6 M
BA in Computer Science (CWU – Des Moines center)	\$1.5 M
UW Comp Science program	\$4 M
Child/Adult Psychiatric Residencies (UW)	\$2.4 M
Expand Career Connected Learning Opportunities	\$7.5 M
CCW Marketing campaign	\$500,000
Funding for learning devices for students/staff in K-12 (HB 1365)	\$24 M
Connectivity support (MSOC increase)	\$23.5 M
Washington Health Corps, National Service Corps, and Behavioral Health (Loan Repayment/scholarships)	\$10.2 M
Guided Pathways at SBCTC	\$15.9 M
Federal ESSER Grants to K-12 districts	\$1,740 M
Implementation of Fair Start Act	\$298 M

5237 Fair Start for Kids

Early Math/ STEM

- ▶ Senator C. Wilson
- ▶ Establishes a new account for child care and early learning purposes
- ▶ Make child care more affordable for families
- ▶ Expands eligibility and decreases co-payments in the Working Connections Child Care Program and expands eligibility in the Early Childhood Education and Assistance Program.
- ▶ Provides increased rates, training, grants, supports, and services for child care and early learning providers.
- ▶ Increases prenatal-to-three supports for providers and families.
- ▶ Provide resources and supports for Family Friend and Neighbor providers
- ▶ Provide child care subsidies for families to resolve homelessness
- ▶ Professional Development and supports for substitute provider pool
- ▶ Infant and Early Childhood Mental Health Consultation

5044 Concerning professional learning, equity, cultural competency, and dismantling institutional racism in the public school system

- ▶ Senator Mona Das, South King county
- ▶ WA St School Directors Association must develop Cultural Competency, Diversity, Equity and Inclusion (CCDEI) standards and collaborate with other education agencies on the development of the CCDEI standards. Beginning in Nov 2030 and every 10 years thereafter, the standards are to be reviewed and recommendations given to the legislature if necessary.
- ▶ PESB requirements are also updated to have them develop CCDEI standards for school district staff. Professional Development and Training – new programs starting in 2022. Beginning in Nov 2030 and every 10 years thereafter, the standards are to be reviewed and recommendations given to the legislature if necessary.
- ▶ Professional Learning Days – at least 1 day used CCDEI for staff at public and charter schools

5227 Requiring diversity, equity, inclusion and antiracism training and assessments at institutions of higher education

- ▶ Sen Emily Randall, Kitsap
- ▶ Each public HEI must provide professional development on existing or develop new PD training for their faculty and staff on DEI and antiracism. This pd must be done in collaboration with the IHE's administration, staff and student leadership groups. The pd program is to commence for the 2022-2023 academic school year
- ▶ Each institution must develop a goal of at least 80 percent of their total faculty and staff completing the professional development program every two years
- ▶ Beginning with the 2024-25 academic year, 35 percent of tenured faculty and 35 percent of administrators at each institution of higher education must complete the professional development program every two years, regardless of whether they are a full-time or part-time employee
- ▶ Also beginning in the 2024-25 academic year, each institution of higher education must:
- ▶ Provide a program, either existing or new, on diversity, equity, inclusion, and antiracism to students.
- ▶ All public IHE will also develop a campus climate assessment on how DEI efforts are working on campus for students and faculty
- ▶ Report to the Legislature on the pd programs implemented at each institution, and a summary of the campus climate assessments is required.

5194 Equity and access in higher education (CTC)

- ▶ Senator Marko Liias, Snohomish
- ▶ Beginning July 30, 2022, all community and technical colleges must submit, on a biennial basis, strategic plans to the state board for community and technical colleges for achieving diversity, equity, and inclusion of all races on their campuses.
- ▶ Expanding the guided pathways program at each CTC. The dedicated advising given to students must be culturally competent with an emphasis on helping low-income and historically underserved students of color
- ▶ One important change here changes the length of residency requirement in order for students to be eligible for state financial aid programs. Now a person may reside in WA state for 1 year in lieu of 3 years, but must still obtain a high school diploma

SB 5030 Developing comprehensive school counseling programs

- Sen Mark Mullet, Issaquah
- Requires school districts to develop and implement a written plan for a comprehensive school counseling program by the beginning of the 2022-23 school year.
- Requires school counselors to implement the plan and spend at least 80 percent of their work time providing direct and indirect services to students.
- Directs the Office of the Superintendent of Public Instruction to develop and distribute guidance regarding the implementation of the written plan and the associated comprehensive school counseling program.
- Budget: \$27,000 to OSPI
- Guidance Counselors for High Poverty Schools (\$51.6 million).
- Educational Service District Nurse Corps and Safety Staff, and Stabilization Funding (\$16.9 million).

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2022 Legislative Recommendations Workgroup

- ▶ **Goal:**
coalesce 2-3 issues that the STEM Alliance can champion.
- ▶ **Timeline:**
recommendations for review by mid-September 2021.
- ▶ **Structure:**
up to 10 members; led by WSAC, WA STEM, & CSF.
- ▶ **Request for volunteers:**
with emphasis on geographic, sector, & racial diversity.
- ▶ **Time commitment:**
meet approx. 1 hour per month June – September 2021.

2022 Legislative Recommendations Workgroup

will build on the work of the STEM Alliance from past years

STEM Alliance 2021-2024 Roadmap (I/II)



What we work on

Our purpose

To advise the governor and to provide vision, guidance, assistance, and advice to support the initiatives under this chapter [RCW 28A.188.030], as well as other current or proposed programs and initiatives across the spectrum of early learning through postsecondary education, that are intended to increase learning opportunities and improve educational outcomes in STEM.

Our roles

- Drive greater equity within the STEM ecosystem
- Advise the Governor on STEM policy issues
- Advocate for policies to advance STEM in Washington
- Collaborate across sectors and regions to grow STEM education and workforce opportunities

Our current key policy topics are



Strengthening STEM educator recruitment, development, and retention



Developing early math skills among young learners



Improving workforce readiness and career connected learning

Our work reflects the interconnected nature of these key topics, both with each other and with the broader STEM landscape

Our work spans

We work to grow STEM from early childhood through adulthood



Early Childhood Education



K-12 Education



Higher Education



Adult Education