



Oahu

SECTOR PARTNERSHIPS



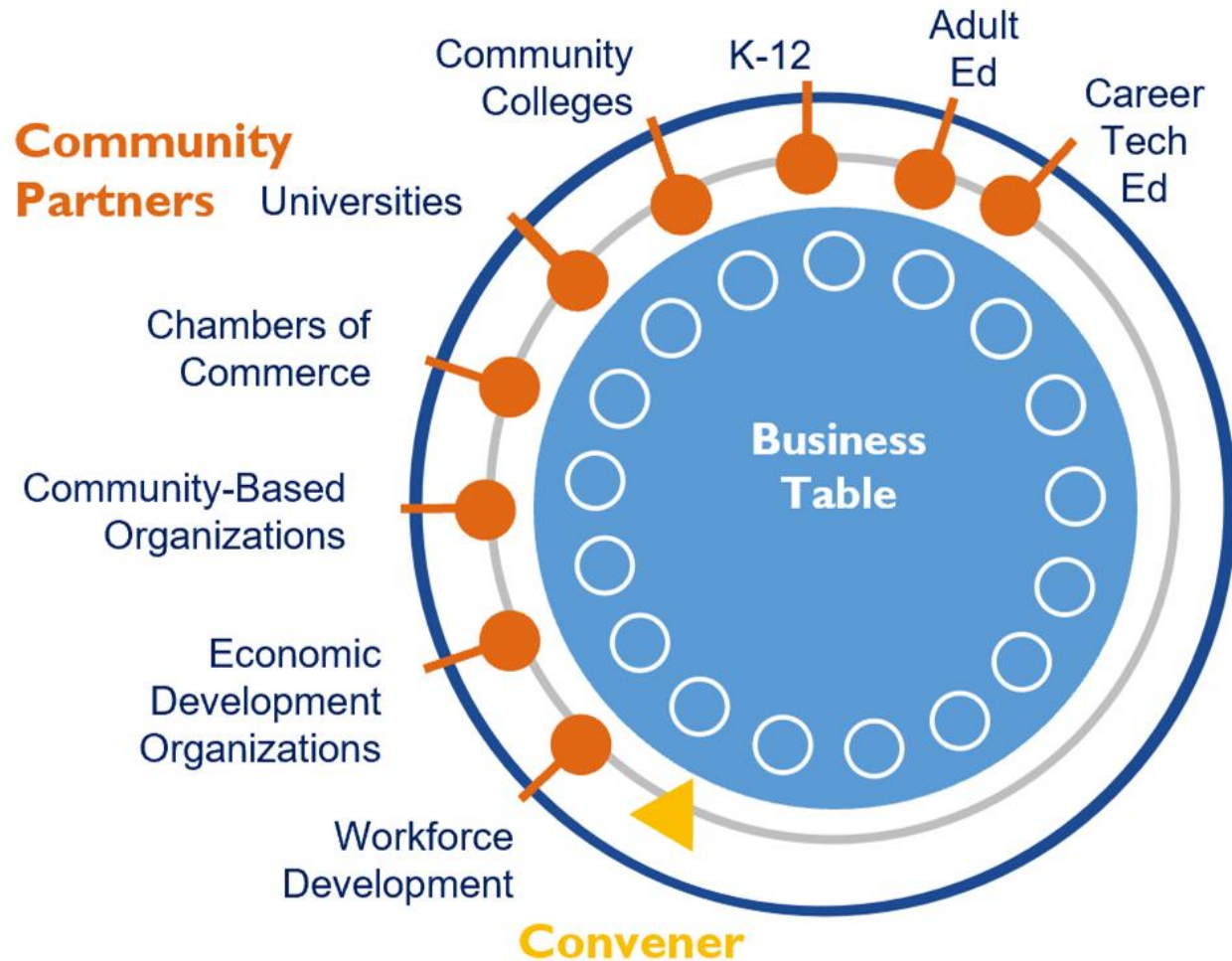
Sector Strategies & Career Pathways Update

January 22, 2021

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Chamber of Commerce Hawaii

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Project Director
SMS Research

Sector Partnerships: Industry-driven Employer Partnerships



- **Industry** collaborates on opportunities to strengthen and grow their sector that cannot be adequately addressed by a single business.
- **Support partners** (educators, workforce developers, economic developers) organize to leverage resources to support industry-defined initiatives
- Current Partnerships
 - Engineering
 - Healthcare

Convening & Funding Through the Years

2017 – 2020

- Convened by UH and Chamber of Commerce Hawaii
- Funded by Strada Education Network and Harold KL Castle Foundation
- Support provided by Oahu Workforce Development Board



2021 (Jan – July)

- Convened by Chamber + Workforce Development Council
- Funded by Workforce Development Council
- Convening support provided by SMS Research



2021 (July ?)

- Continue Engineering and Healthcare
- Seeking to add Technology
- **Planning and discussions underway to secure funding and conveners**

SMS Research

January to July 2021 support will be provided by SMS Research.

SMS team includes Faith Rex, President and Anna Pacheco, Project Director.

SMS will provide support with:

- Project management
- Strategic planning
- Facilitation





Engineering Partnership Update

UH CoE INPUT: Students' *Technical* Skills Challenges

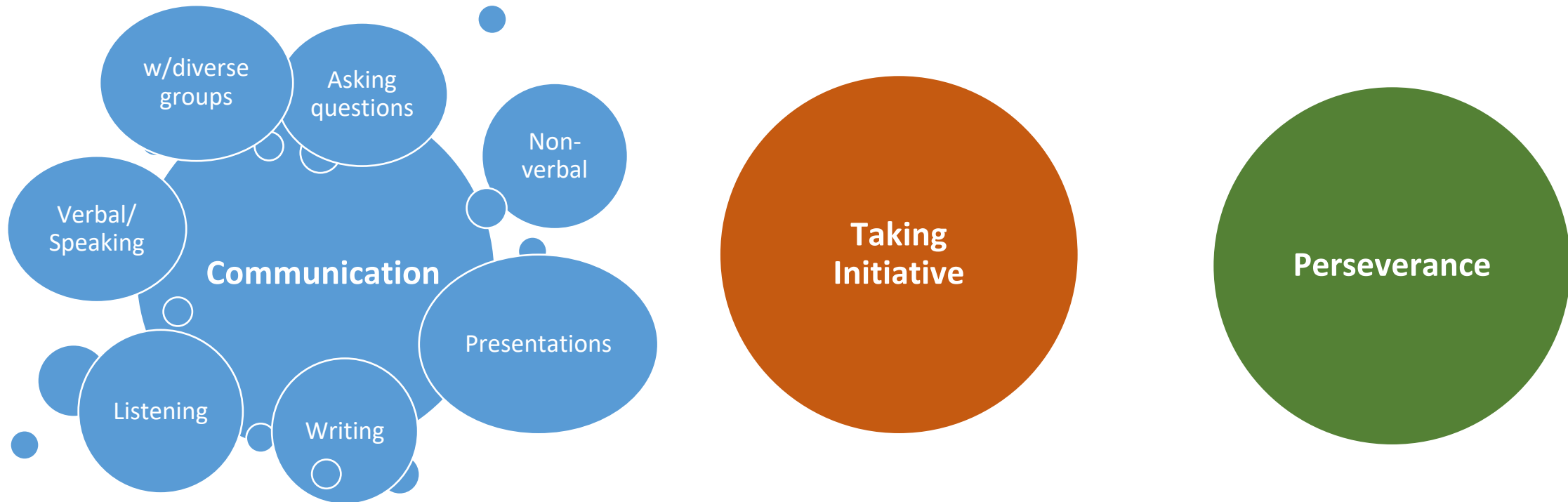
calculus

physics

critical
thinking

language
skills

INDUSTRY INPUT: Students' *Employability* Skills Challenges



Source: Engineering Sector Partnership Professional Skills Survey

2021 ENGINEERING SP RESPONSE: Build a K-12 Engineering Pathway

Engineering Talent Pipeline



How do we engage students in STEM/engineering?

Build a K-12 Engineering Pathway

Through industry and education collaboration, build a streamlined and connected cradle-to-career STEM and engineering talent pipeline, improving the preparedness and increasing the number of students in the pipeline to meet Hawai'i's engineering needs.

Engineering
Sector Partnership
Industry Professionals



Pilot School Complexes

- Waipahu High School/Feeder Schools
- Campbell High School/Feeder Schools
- Castle High School/Feeder Schools





Healthcare Partnership Update

2021 - Healthcare Sector Partnership Agenda

Social Determinants of Health	COVID-19	Workforce Development	Care Coordination/ Team-Based Care/ Patient Transitions	Telehealth	Health Plans/ Financing
<i>CREATE SDOH SYSTEM</i>	<i>ROLE OF DOH</i>	<i>EDUCATION</i>		<i>BROADBAND</i>	
Develop standardized method for capturing SDOH data* *	Pandemic has revealed the value of DOH's relationships with other entities that develop during pre-COVID initiatives like this. Trust in entities was critical in the early days as we all shared a common goal and nobody was territorial. Need to sustain and expand that.*	Support/advocate future development of high school health academies *****	Fully integrated Multi-provider teams	Dead zones in broadband were made very apparent during the pandemic for purposes of telehealth and distance learning. Need to support DBEDT's Broadband Strategy Office	Continue collaborative meetings with Health Plans and Hawaii Medicaid program on a regular basis which allows sharing of information, data, direction and resources
Centralize hub and spoke model to support SDOH management and info Sharing*	Plan for the future role of DOH in the next pandemic. What resources are needed to maximize their effectiveness	Support further strengthening the relationship of healthcare industry with the high school academies and alignment between education and work*	Opportunity for community based healthcare integration with the medical community. Integration of community based resources with traditional medical care systems.*	Yes! There is a Broadband Hui Working Group run by Burt Lum every Wednesday.	Reconsider the financing model of healthcare. Economic realities especially if the winter spike or a spike occurs might force us to reconsider and redesign healthcare financing.
Require health impact assessment for new large projects, similar to environmental impact statements	DOH's office of health equity is unfunded and its absence was felt as COVID ravaged COFA migrants, both at the policy and planning levels and operationally	Coordination/integration of high school and community college health professional training	Need to find ways of strengthening the network of providers across the care model. From parenting through primary care, specialty care, hospitalization, home health care, palliative care, etc.	We need to make sure everyone has broad band and devices to access online resources to help social determinants of health!! That's something we discovered.	
	<i>COMMUNICATION</i>				

Future Expansion

GOAL: Support economic diversification in Hawaii by building talent pipeline and addressing skill shortages in in-demand industries.

- Deepen support of Healthcare and Engineering
- Explore adding new Technology SP to align with *Talent Roadmap*
 - *Technology Companies*
 - *Dept of Defense Economy jobs(Cyber)*
- Support \$13.37M Federal grant *Hana Career Pathways* (apprenticeships)

Mahalo!