

**Dave Porter
1113 SE Cora Street
Portland, OR 97202**

For the public hearing on HB 3511 scheduled for 4/8/15

Chair Read and members of the House Committee on Higher Education, Innovation, and Workforce Development,

Please make the following amendments (shown in bold) to HB 3511:

Section 1 (2) (a) Education in computer science, invention, technology or engineering as a summer program, as a before-school or after-school program, **or as a study abroad program**, with priority given to applicants seeking funding for a program that serves underserved students.

(b) Statewide competitive or exhibition events in computer science, invention, technology or engineering, **or for the participation in national or international competitive or exhibition events by Oregon students**, with priority given to applicants that are able to secure matching funding for the program.

Oregon needs not just technology savvy innovators, but multilingual technology savvy innovators with experiences in foreign markets. Delaware is an example of a state that is blending foreign languages education, technology education and foreign market experiences , and HB 3511 should be amended to open it to the possibilities of similarly blended international educational programs.

Press release from Delaware.gov (bold type added):

Wilmington, DE – Having made it a priority to offer Delaware students the best opportunities to learn a second language, Governor Markell today announced a China summer abroad program for high school students studying Mandarin. **The Governor signed an agreement with representatives of Wanxiang Group, China’s largest auto parts manufacturer, for students to study at the company’s facility in Hangzhou, China, where they will take daily language classes, visit local schools, participate in cultural activities, and tour sites of science and technology companies.**



“To prepare students for good-paying jobs in our global economy, the value of learning a second language is clear,” said Governor Markell. “And there is no better way to become immersed in another language and culture than to live it.

“This partnership provides an amazing chance for our young people to not only dramatically improve their fluency in a second language, but also become more familiar with a different culture in the world’s second-largest economy. I strongly encourage students taking Chinese and their families to consider this opportunity.”

Joined by students and teachers from Mandarin Chinese classes at Conrad Schools of Science, Markell signed an agreement with Wanxiang Project Manager Daniel Li, who represented Executive Vice President of Wanxiang Group Pin Ni. **The document provides a grant from Wanxiang for about \$450,000 to fund study abroad sessions in 2015 and 2016, with up to 24 students and four teachers participating each year.**



“Governor Markell’s vision to bring World Language Chinese to Delaware has not only given Conrad students a leg up in the international science industry going forward, but has afforded our students the opportunity to see and experience another culture from an increasingly interconnected world,” said Mark Pruitt, principal of Conrad Schools of Science.

In outlining the mission of the initiative, the Memorandum of Understanding states: “All programs created as a result of this agreement will help students see language proficiency as a workplace skill that will allow them to compete in the global marketplace of the 21st century. This partnership will also promote the study of science, technology, engineering, and mathematics in the field of environmental protection and clean energy solutions and provide opportunities for students to develop international leadership experience.”



Wanxiang, which has participated in President Obama's 100,000 Strong Initiative to send more American students to study in China, will fund all travel, living, and educational expenses. The partnership with Delaware, known as the *Delaware Summer Chinese LInCS (Language Initiative for Communicating STEM) program*, is geared toward students interested in real-world opportunities to apply their Chinese language proficiency and cultural knowledge in a STEM context.

“Delaware has made an impressive commitment to world language education and specifically to Chinese language opportunities for its students,” said Pin Ni. “We are proud to partner with Governor Markell and the Department of Education to make available more educational resources for the state as we continue to support President Obama’s 100,000 Strong Initiative.”

Applications are due in March, and students will be chosen in April. Participants will depart in late June.

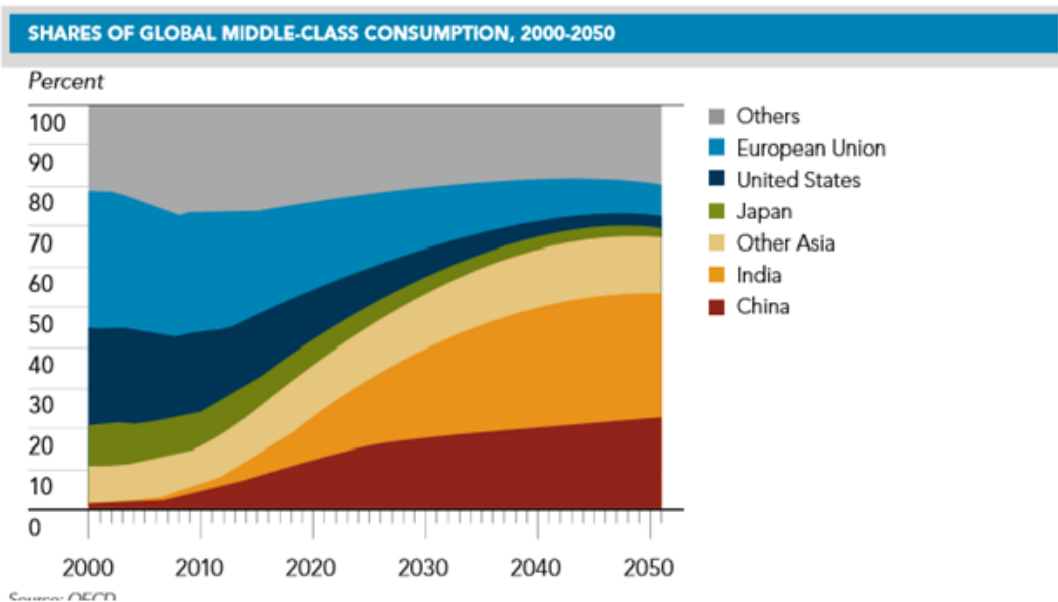


World Language Expansion in Delaware: Today's signing ceremony builds on Governor Markell's push to make Delaware the most bilingual state. At the event, he also announced growth of his World Language Expansion initiative, which gives students the chance to learn half of their subjects in either Spanish or Chinese from kindergarten through eighth grade. Participants aim to become proficient by fourth grade and pass the Advanced Placement language exam by ninth grade. Six new programs will open at schools next fall, bringing the statewide total to 17 programs with more than 2,300 students taking part in what will be the initiative's fourth year.



Oregon's best economic future:

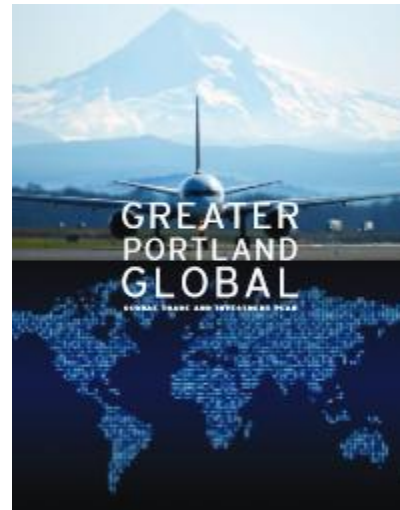
Oregon's best economic future is to sell more goods and services abroad, especially to the growing markets in Asia and around the Pacific Rim. Consider the chart below: "Shares of Global Middle-Class Consumption, 2000-2050" from the National Intelligence Council's report *Global Trends 2030: Alternative Worlds*. Note the diminishing share of the United States. Note the growing shares of China, India, and Other-Asia.



This is the likely world our next generations, today's students, will live in.

Oregon's challenge is to adapt to this developing economic reality and to become more of an internationally oriented city. Key to this adaptation is to develop a more multilingual workforce with experiences in the important growing markets abroad.

I am not alone in seeing a more international future for Oregon. There is the "Greater Portland Global: Global Trade and Investment Plan" report recently developed and published by Greater Portland Inc, the Portland Development Commission, the Brooking Institution, JP Morgan Chase and others.



The report begins:

The Imperative To Go Global

Global engagement is not optional if Greater Portland is to realize widely-shared economic growth and prosperity - it is imperative. Increased access to global markets and foreign investment is the most direct path for Greater Portland to create and maintain a sufficient number of quality jobs to support the region's growing population.

The need to embrace international markets is urgent. Ninety-five percent (95%) of the world's consumers live outside of the United States, and 79% of global GDP growth is projected to occur outside the U.S. over the next five years.

Utah is racing ahead

Elsewhere, Utah is setting the pace. Building on their base of international businessmen (with Mormon mission experiences abroad) Utah is adding additional dual language immersion programs to gain a competitive advantage in global markets.

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Dual Language Immersion programs Elementary school level Fall 2014		
	Utah	Oregon
Spanish	54	49
Mandarin	31	3
French	13	2
Portuguese	6	0
German	2	0
Japanese	0	2
Russian	0	2
Vietnamese	0	1
Total	106	59
Total Statewide		
Enrollment 2013	595,799	567,100

Oregon needs to make significant educational changes to graduate students prepared to compete with the best in the global economy. With my two slight amendments, HB 3511 could assist.

Thank you - Dave Porter, retired, SE Portland, representing only myself