

AMERICA'S LANGUAGES

Investing in Language Education for the 21st Century

COMMISSION ON LANGUAGE LEARNING

Section 4: Encouraging International Study and Cultural Immersion

A national strategy to broaden access to language education for every student in the United States, as preparation for life and work in a global twenty-first century, must also promote opportunities for students to travel, experience other cultures, and immerse themselves in languages as they are used in everyday interactions and across **Promote** all segments of society.

travel, experience other In its Heart of the Matter cultures, and immerse report, the American Acadthemselves in languages as emy's Commission on the they are used in everyday interactions and across Humanities and Social Sciall segments of ences wrote: "While foreign society. language study is a crucial step toward a more productive, reciprocal engagement with other cultures and governments, language study alone cannot provide the cultural and historical context in which such exchanges take place." For this reason, the Commission recommended that "transnational studies, study abroad, and

international exchange programs should be expanded as part of undergraduate education."87 According to the Institute for International Education, 313,000 students received credit for study abroad programs during the 2014-2015 academic year, and several education associations are calling for that number to double by opportunities the end of this decade.88

There are now many suc-

cessful models for study

abroad. For example, the

Language Flagship model of the National Security Education Program (NSEP-DoD) prepares students at twenty-five American universities to speak, read, and listen in a non-English language at a professional level through intensive training at home and during an overseas capstone year. Similarly, the State Department's National Security Language Initiative for Youth (NSLI-Y) and Critical

The Critical Language Scholarship Program

According to the Critical Language Scholarship Program, an initiative of the U.S. Department of State, critical languages are non-Western European languages that are important to U.S. national security.⁸⁹ As of December 2016, the Department of State has identified fourteen critical languages and offers a variety of scholarships and programs for students who wish to study them. They are:

for students to

- Arabic
- Azerbaijani
- Bangla
- Chinese
- Hindi

- Indonesian
- Japanese
- Korean
- Persian
- Punjabi

- Russian
- Swahili
- Turkish
- Urdu

While many federal departments and agencies maintain lists of languages critical to their missions, such as the U.S. Army's Strategic Languages List, there is no single, unified list of languages considered critical to the federal government.

Language Scholarship programs support over one thousand students of critical languages in overseas language study annually. Participants in these federal overseas programs come from all socioeconomic backgrounds and include students who have never before left the United States or studied the language in question. These programs prove that most students can successfully learn a language, given proper instruction and adequate support.90 The Departments of State and Defense should expand these successful immersion models, which are creating access for students to languages critical for U.S. national security and global competetiveness.

Many colleges and universities now offer opportunities for international study as well. However, these programs can be expensive in real dollars, in forfeited income during the period abroad, and in time spent away from home campuses and coursework-and are therefore less accessible to students from disadvantaged backgrounds. Campuses should make every effort to ensure that such students have access and support for overseas coursework—in part by recognizing overseas coursework for either elective or major credit. This recognition would enable students to apply financial aid and student loans to their time abroad, just as they apply it to their home campus studies.91 Unfortunately, even this recognition would not help students who wish to travel during the summer months (a more convenient time for many disadvantaged students) since, under current regulations, federal aid cannot be used to support summer study. The Department of Education should consider restructuring federal financial aid to help low-income undergraduates enjoy study abroad during the summer, as well as the academic year, to obtain language competence in their specific area of study.



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Jeffrey Wood was a Washington, D.C., public high school student when he had the opportunity to study abroad in China with D.C.-China Scholars—a program hosted by Americans Promoting Study Abroad—and was featured in the documentary film Beyond the Wall. He has since served as a student ambassador for the 100,000 Strong Foundation and Globalize D.C., and interviewed First Lady Michelle Obama live in China for Discovery Education. An alumnus of the National Security Language Initiative for Youth program, he has been granted numerous other awards, including a Gilman Scholarship, a Boren Undergraduate Scholarship, a UC Berkeley Public Policy and International Affairs Fellowship, and a Fulbright Teaching Fellowship. Wood holds a bachelor's degree in Chinese language and literature from George Mason University and a certificate in Chinese language and literature from Harbin Institute of Technology.

"Language has given me the ability to expand my understanding of my community, whether that's in my neighborhood or in a different country. Furthermore, language has given me a direct career path I didn't think was possible for me to achieve."92

But academia and government are not the only potential partners in this effort. Indeed, American businesses may have the most to gain from a workforce that is competent in world languages and effective in international settings. Eighty-eight percent of the executives who responded to the 2014 NAFSA: Association of International Educators study reported that international sales will be an equal or greater percentage of their business in the future, and almost two-thirds report a need for international skills at entry and management levels.93 In other words, the United States is rapidly approaching a significant skills gap. Many businesses recognize and address this need by providing language education for their employees through a variety of means, including internal training programs and sponsored coursework. Community colleges have also become important partners by providing effective and affordable language instruction for adults. In addition, through sponsored internships, the private sector and many NGOs have discovered ways to develop a multilingual workforce that can meet their future needs. Some work through programs like Northeastern University's Global Co-op, which connects students with professional internships abroad, thereby offering language and cultural training as well as valuable work experience.94 Even a quick online search reveals dozens of such opportunities for students interested in exploring professional experiences abroad, including programs with Deloitte, Goldman-Sachs, and the World Bank, as well as U.S. embassies, world governments, and a host of other large and small corporate and nonprofit entities.95 Clearly, it is in the best interests of these organizations, and of U.S business more generally,

World-Readiness Standards

A number of teacher associations and learned societies have collaborated to create a series of standards to help design curricula and establish performance outcomes for students as well as for language programs. The primary goal areas of the standards are designed to encourage students achieving the "5 Cs":

- Communication: Communicate effectively in more than one language in order to function in a variety of situations and for multiple purposes.
- Cultures: Interact with cultural competence and understanding.
- Connections: Connect with other disciplines and acquire information and diverse perspectives in order to use the language to function in academic and career-related situations.
- Comparisons: Develop insight into the nature of language and culture in order to interact with cultural competence.
- Communities: Communicate and interact with cultural competence in order to participate in multilingual communities at home and around the world.

Since 2013, forty states have adopted the World-Readiness Standards as part of their language education programs.96

to recruit and train more talented young people for success in a global economy—and international internships should be a part of any global strategy.



- 1. Advancing Knowledge: Selections from the Archives of the American Academy of Arts and Sciences (Cambridge, Mass.: American Academy of Arts and Sciences, 2015).
- 2. U.S. Census Bureau, "Detailed Languages Spoken at Home and Ability to Speak English for the Population 5 Years and Over for United States: 2009-2013," American Community Survey, October 2015, http://www.census .gov/data/tables/2013/demo/2009-2013-lang-tables.html.
- 3. The Native American Languages Act of 1990 is the governing statute for the distinctive Native American language provisions of the Every Student Succeeds Act (ESSA) and the primary policy statute of the federal government that provides the basis for distinctive political recognition and support for Native American languages. Native American languages are defined by the NALA as American Indian, Native Alaskan, Native Hawaiian, and Native American Pacific Island languages.
- 4. See, for example, Brian T. Edwards, "Teach Arabic in Public Schools," Chicago Tribune, April 6, 2015, http://www.chicagotribune.com/news/opinion/commentary/ct-arabic-language-public-schools-perspec-0406 -20150403-story.html.
- 5. Rick Noack and Lazaro Gamio, "The World's Languages, in 7 Maps and Charts," The Washington Post, April 23, 2015, https://www.washingtonpost.com/news/worldviews/wp/2015/04/23/the-worlds-languages-in-7-maps -and-charts/.
- 6. U.S. Census Bureau, "Detailed Languages Spoken at Home and Ability to Speak English for the Population 5 Years and Over for United States: 2009-2013."
- 7. "2014 U.S. Business Needs for Employees with International Expertise," Shirley J. Daniel and Fujiao Xie, Center for International Business Education and Research at University of Hawai'i at Manoa, and Ben L. Kedia, Center for International Business Education and Research at the University of Memphis. A collaboration of the Coalition for International Education and the Association for International Business Education and Research for Internationalization of U.S. Education in the 21st Century, April 2014, William & Mary, Williamsburg, VA. http:// www.wm.edu/offices/revescenter/globalengagement/internationalization/papers%20and%20presentations/ danielkediafull.pdf.
- 8. Office of Public Affairs, U.S. Department of Commerce, "U.S. Commerce Department Releases New Report on Foreign Direct Investment Trends," press release, June 20, 2016, https://www.commerce.gov/news/press -releases/2016/06/us-commerce-department-releases-new-report-foreign-direct-investment; and Joint National Committee for Languages, The Contributions of Language to the Economic Interests of the United States (Cambridge, Mass.: American Academy of Arts and Sciences, 2015), https://www.amacad.org/multimedia/pdfs/ The Contributions of Language to the Economic Interests of the United States.pdf.
- 9. Global Cities Initiative, Metro Atlanta: Foreign Direct Investment Plan (Washington, D.C.: Brookings Institution and J. P. Morgan Chase, 2016), http://www.atlantafdiportal.com/wp-content/uploads/2016/05/16-57-FDI -FINAL_WEB-2.pdf; and Rebecca M. Callahan and Patricia C. Gándara, eds., The Bilingual Advantage: Language, Literacy and the U.S. Labor Market (Bristol, United Kingdom: Multilingual Matters, 2014), 178.
- 10. David Cyranoski, "Bird Flu Data Languish in Chinese Journals: Health Authorities in the Dark as Warnings Go Untranslated," Nature 430 (955) (August 2004), http://www.nature.com/nature/journal/v430/n7003/ full/430955a.html.
- 11. U.S. Congress, America COMPETES Act, August 9, 2007, 110th Congress, Public Law 110-69, 94, https:// www.congress.gov/110/plaws/publ69/PLAW-110publ69.pdf.
- 12. Ibid.

- 13. Email exchange with the Commission on Language Learning, January 2017.
- 14. U.S. Senate, Committee on Homeland Security and Governmental Affairs, A National Security Crisis: Foreign Language Capabilities in the Federal Government, 112th Congress, 2nd Sess., May 21, 2012, S. Hrg. 112-663, 9, http://www.gpo.gov/fdsys/pkg/CHRG-112shrg75214/pdf/CHRG-112shrg75214.pdf.
- 15. Laura J. Junor, "A National Security Crisis: Foreign Language Capabilities in the Federal Government," statement before the Committee on Homeland Security and Governmental Affairs, Subcommittee on Oversight of Government Management, Federal Workforce, and the District of Columbia, United States Senate, May 21, 2012, 3.
- 16. U.S. Senate, Committee on Homeland Security and Governmental Affairs, A National Security Crisis: Foreign Language Capabilities in the Federal Government.
- 17. For more information on languages and national security, see Gail H. McGinn, Foreign Language, Cultural Diplomacy, and Global Security (Cambridge, Mass.: American Academy of Arts and Sciences, 2015), https:// www.amacad.org/multimedia/pdfs/Foreign-language-Cultural-Diplomacy-Global-Security.pdf.
- 18. Executive Order 13166 of August 11, 2000, "Improving Access to Services for Persons with Limited English Proficiency," Code of Federal Regulations, Title 3 (Washington, D.C.: U.S. Government Publishing Office, 2001), 289-291.
- 19. See Camille Ryan, Language Use in the United States: 2011, American Community Survey Reports (Washington, D.C.: U.S. Census Bureau, August 2013), http://www.census.gov/prod/2013pubs/acs-22.pdf; Executive Order 13166 of August 11, 2000; and U.S. Congress, Patient Protection and Affordable Care Act, March 23, 2010, 111th Congress, 2nd Sess., H.R. 3590.
- 20. Terrence Wiley, Beatriz Arias, Jennifer Renn, and Shereen Bhalla, Language and the Fulfillment of the Potential of All Americans (Cambridge, Mass.: American Academy of Arts and Sciences and the Center for Applied Linguistics, 2015), 20, https://www.amacad.org/multimedia/pdfs/CAL-AAASWhitePaper-LanguagePotential Americans.pdf.
- 21. Laura K. Abel, Language Access in the Federal Courts (New York: National Center for Access to Justice at Cardozo School of Law, 2013), http://ncforaj.org/wp-content/uploads/2013/12/abel-ncaj-language-access-federal -courts.pdf.
- 22. Rubén G. Rumbaut and Douglas S. Massey, "Immigration & Language Diversity in the United States," Dædalus 142 (3) (Summer 2013): 141.
- 23. U.S. Census Bureau, "Census Bureau Reports at Least 350 Languages Spoken in U.S. Homes," press release CB15-185, November 3, 2015, http://www.census.gov/newsroom/press-releases/2015/cb15-185.html.
- 24. Penelope W. Armstrong and Jerry D. Rogers, "Basic Skills Revisited: The Effects of Foreign Language Instruction on Reading, Math, and Language Arts," Learning Languages 2 (3) (1997): 20-31.
- 25. Samantha A. Fan, Zoe Liberman, Boaz Keysar, et al., "The Exposure Advantage: Early Exposure to Multilingual Environment Promotes Effective Communication," Psychological Science 26 (7) (2015), http://pss.sagepub .com/content/early/2015/05/08/0956797615574699.abstract.
- 26. Email exchange with the Commission on Language Learning, November 2016.
- 27. Clara Moskowitz, "Learning a Second Language Protects Against Alzheimer's," Live Science, February 18, 2011, http://www.livescience.com/12917-learning-language-bilingual-protects-alzheimers.html.

- 28. Richard D. Brecht, America's Languages: Challenges and Promise (Cambridge, Mass.: American Academy of Arts and Sciences, 2015), https://www.amacad.org/multimedia/pdfs/AmericasLanguagesChallengesand Promise.pdf.
- 29. "Foreign Language Skills Statistics," Eurostat Statistics Explained, http://ec.europa.eu/eurostat/statistics -explained/index.php/Foreign_language_skills_statistics.
- 30. U.S. Census Bureau, "Detailed Languages Spoken at Home and Ability to Speak English for the Population 5 Years and Over for United States: 2009-2013."
- 31. Bethany Allen-Ebrahimian, "Can 1 Million American Students Learn Mandarin?" Foreign Policy, September 25, 2015, http://foreignpolicy.com/2015/09/25/china-us-obamas-one-million-students-chinese-language -mandarin/.
- 32. American Academy of Arts and Sciences, The State of Languages in the U.S.: A Statistical Portrait (Cambridge, Mass.: American Academy of Arts and Sciences, 2016), 11.
- 33. Ibid., 9. This is in stark contrast to the 84 percent of K-8 students in the twenty-eight member nations of the European Union who have studied a second language. See Eurostats, "Foreign Language Learning Statistics," September 2016, http://ec.europa.eu/eurostat/documents/2995521/7662394/3-23092016-AP-EN.pdf/ 57d3442c-7250-4aae-8844-c2130eba8e0e.
- 34. U.S. Department of Education, Office of Postsecondary Education, Teacher Shortage Areas, Nationwide Listing, 1990-1991 through 2016-2017 (Washington, D.C.: U.S. Department of Education, 2016), http://www2.ed.gov/ about/offices/list/ope/pol/tsa.pdf.
- 35. Liz Bowie, "In Baltimore Area Schools, Young Students are Learning a Foreign Language," The Baltimore Sun, December 2, 2014, http://www.baltimoresun.com/news/maryland/education/bs-md-foreign-language -20141201-story.html#page=1.
- 36. Julia Morales, Alejandra Calvo, and Ellen Bialystok, "Working Memory Development in Monolingual and Bilingual Children," Journal of Experimental Child Psychology 114 (2) (2013), https://www.ncbi.nlm.nih.gov/ pubmed/23059128.
- 37. Utah State Office of Education, Critical Languages: Dual Language Immersion Education Appropriations Report (Salt Lake City: Utah State Board of Education, 2013), http://www.schools.utah.gov/legislativematerials/ 2013/Critical_Language_Dual_Immersion_Legislative_Repor.aspx.
- 38. Ellen Bialystok, "Components of Executive Control with Advantages for Bilingual Children in Two Cultures," Cognition 112 (3) (2009), http://www.sciencedirect.com/science/article/pii/S0010027709001577.
- 39. Samantha P. Fan, Zoe Libermen, Boaz Keysar, and Katherine D. Kinzler, "The Exposure Advantage: Early Exposure to a Multilingual Environment Promotes Effective Communication," Psychological Science 26 (7) (2015): 1090-1097.
- 40. Ellen Bialystok, "Bilingualism as a Protection Against the Onset of Symptoms of Dementia," Neuropsychologia 45 (2) (2007), http://www.sciencedirect.com/science/article/pii/S0028393206004076; and Moskowitz, "Learning a Second Language Protects Against Alzheimer's."
- 41. For more on the cognitive benefits of language learning, see Judith F. Kroll and Paola E. Dussias, Language and Productivity for All Americans (Cambridge, Mass.: American Academy of Arts and Sciences, 2016), http:// www.amacad.org/multimedia/pdfs/KrollDussias_April%205.pdf.

- 42. Corey Mitchell, "Need for Bilingual Educators Moves School Recruitment Abroad," Education Week, January 25, 2016, http://www.edweek.org/ew/articles/2016/01/27/need-for-bilingual-educators-moves-school -recruitment.html.
- 43. Carola McGiffert, "Introducing Our 1 Million Strong Implementation Partners," U.S. China Strong, http:// uschinastrong.org/2016/09/25/introducing-1-million-strong-implementation-partners/.
- 44. Tim Henderson, "Why American Schools Are Starting to Recruit More Teachers from Foreign Countries," The Huffington Post, October 13, 2015, http://www.huffingtonpost.com/2015/10/13/schools-recruit-foreign -teachers n 8287694.html.
- 45. For further information on the federal civil rights framework for the provision of programs to English Learners, see U.S. Department of Justice and U.S. Department of Education, "Dear Colleague Letter, English Learner Students and Limited English Proficient Parents," January 7, 2015, https://www2.ed.gov/about/offices/ list/ocr/letters/colleague-el-201501.pdf.
- 46. Utah Immersion, "Why Immersion?" http://utahdli.org/whyimmersion.html.
- 47. Utah State Office of Education, Critical Languages: Dual Language Immersion Education Appropriations Report, http://www.schools.utah.gov/legislativematerials/2013/Critical_Language_Dual_Immersion_Legislative _Repor.aspx.
- 48. For an overview, see U.S. Department of Education, Office of English Language Acquisition, "Dual Language Education Programs: Current State Policies and Practices," https://ncela.ed.gov/files/rcd/TO20 _DualLanguageRpt_508.pdf.
- 49. Jazmine Ulloa, "California Will Bring Back Bilingual Education as Proposition 58 Cruises to Victory," Los Angeles Times, November 8, 2016, http://www.latimes.com/nation/politics/trailguide/la-na-election-day -2016-proposition-58-bilingual-1478220414-htmlstory.html.
- 50. NYC Department of Education, "Chancellor Fariña Announces 38 New Bilingual Programs," April 4, 2016, http://schools.nyc.gov/Offices/mediarelations/NewsandSpeeches/2015-2016/Chancellor+Farina+Announces +38+New+Bilingual+Programs.htm.
- 51. RAND Corporation, American Councils for International Education, and Portland Public Schools, "Study of Dual Language Immersion in the Portland Public Schools: Year 4 Briefing," November 2015, http://www.pps .net/cms/lib8/OR01913224/Centricity/Domain/85/DLI_Year_4_Summary_Nov2015v7.pdf. See also Jennifer L. Steele, Robert O. Slater, Gema Zamarro, et al., "The Effects of Dual Language Immersion Programs on Student Achievement: Evidence from Lottery Data," American Educational Research Journal (Centennial Issue) 53 (5) (forthcoming).
- 52. Swarthmore College, "State-by-State Chart for Policies on Reciprocity and Out-of-State Teacher Certification," http://www.swarthmore.edu/Documents/State%20Certification%20Reciprocity.pdf (accessed December 12, 2016).
- 53. Federal Student Aid, U.S. Department of Education, https://studentaid.ed.gov/sa/ (accessed January 19, 2017).
- 54. ACE/CIE, Engaging the World: U.S. Global Competence for the 21st Century, "Global Competence Video: Dana Banks," http://www.usglobalcompetence.org/videos/banks_large.html.
- 55. Lisa W. Foderaro, "Budget-Cutting Colleges Bid Some Languages Adieu," The New York Times, December 3, 2010, http://www.nytimes.com/2010/12/05/education/05languages.html.

- 56. Big Ten Academic Alliance, "Introduction," https://www.btaa.org/projects/shared-courses/courseshare/ introduction.
- 57. Five College Consortium, "Five College Center for the Study of World Languages," https://www.fivecolleges .edu/fclang.
- 58. Association of Independent Colleges & Universities of Rhode Island, "Academic Programs: Language Consortium Program," http://aicuri.org/initiatives/academic/.
- 59. North Carolina State University, "NC State Language Exchange," https://fll.chass.ncsu.edu/undergraduate/ language_exchange.php.
- 60. Yale Center for Language Study, "Shared Course Initiative," http://cls.yale.edu/shared-course-initiative (accessed January 27, 2017).
- 61. National Coalition of Native American Language Schools and Programs, http://www.ncnalsp.org/ about-the-coalition/.
- 62. Recent surveys of state and local job markets reveal a significant increase in the number of job postings that list language skills as a requirement. See American Academy of Arts and Sciences, The State of Languages in the U.S.: A Statistical Portrait, 17.
- 63. Colleen Flaherty, "More Than Words," Inside Higher Ed, November 2, 2016, https://www.insidehighered .com/news/2016/11/02/princeton-proposal-would-require-all-students-even-those-already-proficient-study.
- 64. 'Aha Pūnana Leo, "A Timeline of Revitalization," http://www.ahapunanaleo.org/index.php?/about/a_timeline _of_revitalization/ (accessed January 27, 2017); and Karen Lee and Jean Osumi, "Native Hawaiian Student Outcomes," presentation at the Native Hawaiian Education Council Meeting, Honolulu, Hawaii, November 2016.
- 65. One Fulbright-Hayes Program, Group Projects Abroad—Advanced Language Training, is designed specifically to provide intensive language training for U.S. graduate and undergraduate students.
- 66. Office of Science and Technology Policy, Executive Office of the President, Report from the Interagency Working Group on Language & Communication (Washington, D.C.: Executive Office of the President of the United States, 2016), 14, https://www.whitehouse.gov/sites/default/files/microsites/ostp/NSTC/report_of_the _interagency_working_group_on_language_and_communication_final.pdf (accessed on January 19, 2017); and U.S. Department of Education, Higher Education: Fiscal Year 2017 Budget Request (Washington, D.C.: U.S. Department of Education, 2016), https://www2.ed.gov/about/overview/budget/budget17/justifications/r-highered.pdf.
- 67. Center for Arabic Language and Culture, "Welcome to CALC," http://www.calcchicago.org/home.html.
- 68. FACE Foundation, "French Heritage Language Program," http://face-foundation.org/french-heritage -language-program/.
- 69. Humanities Nebraska, "Prime Time Family Reading Time," http://humanitiesnebraska.org/program/prime -time-family-reading-time/.
- 70. Alaska Native Languages, "Yugtun/Cugtun (Yup'ik/Cup'ik/Cup'ig Language)," http://www.alaskanative languages.org/centralalaskanyupik.
- 71. Louis Karno and Company Communications, "NH Humanities Council Celebrates Publication of English-Nepali Picture Book with a Public Folktale Festival on August 17," The Tip Sheet, July 30, 2012, http:// thetipsheet.typepad.com/the_tip_sheet/2012/07/nh-humanities-council-celebrates-publication-of-english -nepali-picture-book-with-a-public-folktale-festival-on-august-17.html.

- 72. Global Cities Initiative, Metro Atlanta.
- 73. John M. Grandin, "International Engineering Education: What Difference Does It Make?" Online Journal for Global Engineering Education 6 (1) (2012), 2, http://digitalcommons.uri.edu/ojgee/vol6/iss1/7.
- 74. U.S. Census Bureau, "Detailed Languages Spoken at Home and Ability to Speak English for the Population 5 Years and Over for United States: 2009-2013."
- 75. Alejandro Portes and Rubén G. Rumbaut, Children of Immigrants Longitudinal Study (CILS), 1991-2006, ICPSR20520.v2 (Ann Arbor, Mich.: Inter-University Consortium for Political and Social Research, 2012), http:// doi.org/10.3886/ICPSR20520.v2; and Rubén Rumbaut, Frank D. Bean, Leo R. Chávez, et al., Immigration and Intergenerational Mobility in Metropolitan Los Angeles (IIMMLA), 2004, ICPSR22627.v1 (Ann Arbor, Mich.: Inter-University Consortium for Political and Social Research, 2008), http://doi.org/10.3886/ICPSR22627.v1. See also Rubén G. Rumbaut, "English Plus: Exploring the Socioeconomic Benefits of Bilingualism in Southern California," in The Bilingual Advantage: Language, Literacy and the U.S. Labor Market, ed. Callahan and Gándara.
- 76. Sealaska Heritage, "Education Programs," http://www.sealaskaheritage.org/institute/education/programs.
- 77. Maine French Heritage Language Program, "About," http://www.mfhlp.com/about.html.
- 78. Center for Applied Linguistics, "Heritage Langue Programs-Spanish: Beardstown CUSD #15 Dual Language Enrichment Program," http://www.cal.org/heritage/profiles/programs/Spanish_K-12_Beardstown.html.
- 79. University of Houston, "Heritage Track," http://www.uh.edu/class/spanish/language-programs/heritage -language/index.php.
- 80. University of Washington, "Heritage Language Courses," https://spanport.washington.edu/heritage-language -courses; University of Arizona, "Spanish as a Heritage Language," http://spanish.arizona.edu/undergrad/ spanish-heritage-language; and University of Oregon, "Spanish Heritage Language Program (SHL)," http:// rl.uoregon.edu/undergraduate/shl/.
- 81. Columbia University, "Undergraduate Courses: Russian Language (RUSS)," http://slavic.columbia.edu/ search/node/heritage%20Russian.
- 82. Recent studies suggest that strong skills in a heritage language actually help to promote efficient learning in English. See Karen Thompson, "English Learners' Time to Reclassification: An Analysis," Educational Policy (2015).
- 83. All students, including English speakers, would benefit from a more inclusive and integrative approach to the education of English Language Learners (ELLs). Some schools in Virginia are already experimenting with new "whole school" programs for teaching ELLs, in which every student prepares for mainstream content classes (in science, math, history, and so on) by first participating in in-depth sessions on vocabulary, reading, and writing in English. These programs reduce the time that ELLs spend away from their English-speaking peers and introduce a new educational rigor that has proven helpful to English speakers as well. Early research suggests that this is a path worth pursuing in more districts around the country. Margarita Calderón, "A Whole-School Approach to English Learners," Educational Leadership 73 (5) (February 2016), http://www.ascd.org/publications/ educational_leadership/feb16/vol73/num05/A_Whole-School_Approach_to_English_Learners.aspx.
- 84. Email exchanges with the Commission on Language Learning, December 2015 and November 2016.
- 85. Julie Siebens and Tiffany Julian, "Native North American Languages Spoken at Home in the United States and Puerto Rico: 2006-2010," American Community Survey Briefs, December 2011, https://www.census.gov/ prod/2011pubs/acsbr10-10.pdf; and U.S. Senate, S.2167-Native American Languages Act, October 30, 1990, Public Law No. 101-477, https://www.congress.gov/bill/101st-congress/senate-bill/2167/text.

- 86. Joana Jansen, Lindsay Marean, and Janne Underriner, Benefits of Indigenous Language Learning (Eugene: University of Oregon, 2012), http://pages.uoregon.edu/nwili/wp-content/uploads/2012/07/forwebpageBenefitsL2 _ECE10_17_14.pdf; and National Endowment for the Humanities, "Documenting Endangered Languages," https://www.neh.gov/grants/preservation/documenting-endangered-languages.
- 87. American Academy of Arts and Sciences, The Heart of the Matter: The Humanities and Social Sciences for a Vibrant, Competitive, and Secure Nation (Cambridge, Mass.: American Academy of Arts and Sciences, 2013), 58-59.
- 88. Institute of International Education, "Open Doors," http://www.iie.org/Research-and-Publications/Open -Doors#.WDyYPPkrKUk; and Institute of International Education, "Generation Study Abroad," http://www .iie.org/Programs/Generation-Study-Abroad#.WDyYq_krKUk.
- 89. The Critical Language Scholarship Program, http://clscholarship.org/.
- 90. Dan E. Davidson, "The Development of L2 Proficiency and Literacy within the Context of the Federally Supported Overseas Language Training Programs for Americans," To Advanced Proficiency and Beyond: Theory and Methods for Developing Superior Second-Language Ability, ed. Tony Brown and Jennifer Brown (Washington, D.C.: Georgetown University Press, 2015), 117–150.
- 91. Federal student aid can be used for study abroad (short-term programs while remaining enrolled at a U.S. home campus) and for direct enrollment at a foreign higher education institution (HEI) if the foreign HEI has been approved for federal student aid participation. See Federal Student Aid, U.S. Department of Education, "International Schools," https://studentaid.ed.gov/sa/prepare-for-college/choosing-schools/types/international (accessed January 19, 2017).
- 92. Email exchange with the Commission on Language Learning, November 2016.
- 93. Daniel, Xie and Kedia, "2014 U.S. Business Needs for Employees with International Expertise."
- 94. Northeastern University, Global Experience Office, "Global Co-Op," http://www.northeastern.edu/geo/ globalcoop/.
- 95. Go Overseas, "10 Paid Internships Abroad in Summer 2016 & 2017," https://www.gooverseas.com/blog/ 10-paid-internships-abroad-in-summer.
- 96. American Council on the Teaching of Foreign Languages, "World-Readiness Standards for Learning Languages," https://www.actfl.org/publications/all/world-readiness-standards-learning-languages.