

Welcome and Overview

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Condition of Education

- In 2008, public school enrollment is expected to reach 49.8M students
 - 34.9M in Pre-K to Grade 8
 - 14.9M in Grades 9 to 12
- School enrollment is expected to hit new highs each year from 2008 to 2017
 - Total enrollment in 2017 of 54.1M
- From 1972 to 2006, Racial/Ethnic Minority enrollment increased from 22% to 43%

Who Are English Language Learners?

- Between 1979 and 2006, the EL population
 - Grew from 3.8M to 10.8M students
 - i.e., from 8.5% to 20.3% of students
- Comprised one of the fastest-growing groups
 - Growth in number - 184% vs 19.5% overall
 - Since 2000, 14.2% growth EL in vs 1.8% overall
- Expected to be 30% of students in 2015
 - Over 400 different home languages are represented
 - Spanish is the predominant home language (72%)

Who Are English Language Learners?

- Largest and fastest growing EL learner populations are
 - Students who immigrated before Kindergarten, and
 - U.S. born children of immigrants
- EL students are at-risk for poor educational outcomes
 - EL learners in Grade 4 were 1/4th as likely to score proficient or above in NAEP Reading and 1/3rd as likely in Math
 - EL learners are also less likely to score proficient on State tests

State of Research

- Shortage of empirical research on EL learners
 - NRP (2000) found 450 studies / NLP found 17 studies using experimental or quasi-experimental designs that addressed questions about instruction
- However, this situation is changing
 - Journals, Grant Applications, Tech Reports, Practice Guides
- Two recent reviews:
 - National Literacy Panel for Language Minority Children and Youth (August & Shanahan, 2006)
 - Center for Research on Excellence and Diversity in Education (CREDE) synthesis (Genesee et al., 2006)

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About CREATE






- CREATE
 - A National Research and Development Center
 - Funded through the U.S. Department of Education
 - Institute of Education Sciences (IES)
 - National Center for Education Research (NCER)
 - Our mission is to address specific challenges in the education of EL learners in the middle grades (Grades 4-8)

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About CREATE

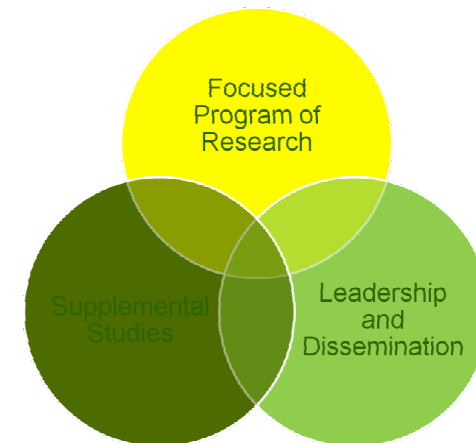
- CREATE is a partnership of researchers from several institutions:

-  Texas Inst. for Measurement, Evaluation, and Statistics, Univ. of Houston
David J. Francis, Coleen D. Carlson
-  California State University at Long Beach
Jana Echevarria, Catherine Richards
-  Center for Applied Linguistics
Diane August, Deborah Short
-  Harvard University
Catherine Snow
-  University of California-Berkeley
Elfrieda Hiebert
-  Meadows Center for Preventing Educational Risk, UT - Austin
Sharon Vaughn, Sylvia Linan-Thompson

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Center Work Scope



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Problem Focus

- Inadequate research base on Middle School EL learners
 - Short & Fitzsimmons (2006) *Double the Work: Challenges and Solutions to Acquiring Language and Academic Literacy for Adolescent English Language Learners*
- Inadequate knowledge base on effective practices regarding comprehension and vocabulary instruction
- Limited understanding of the features of instruction that facilitate EL learners content knowledge
- Need for more effective models for delivering instruction to EL learners
- Need for the dissemination of information on Effective Practices

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Focused Program of Research

- Program of research to address challenges in the education of EL learners in the middle grades (Grades 4–8) in science and social studies.
 - Develop research-based interventions,
 - Test these interventions in controlled experiments/randomized field trials with classroom teachers
 - Combine them into a comprehensive package
 - Test effectiveness of the combined package in experiments/randomized field trials

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Focused Program of Research

- Area 1: Enhancement to Instructional Practice and Instructional Materials
- General objective is to take interventions that have proven effective with non-EL students and provide enhancements that should make them more effective for EL learners
 - Teacher guided methods to enhance vocabulary and comprehension (August)
 - Peer Collaborative Group Work (Thompson and Vaughn)
 - School-wide Intervention for Academic Vocabulary (Snow)

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Focused Program of Research

- Area 2: Studies of SIOP (Short, Echevarria, and Richards)
- General Objective is to rigorously test the SIOP model and to integrate our findings with those from Area 1 into an integrated instruction model
 - Studies Designed to
 - Test SIOP model when implemented with real teachers provided model lesson plans in Middle School Science
 - Studies to be carried out in multiple locations
 - Outcome focus is on concept formation in science and language and literacy development

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Supplemental Studies

- Centers are also expected to conduct supplemental studies
 - Expected to be short in duration
 - Expected to be responsive to input from IES and the field
 - Areas put forth by IES and the field
 - School dropout
 - Professional development for content area teachers
 - Whole school interventions and reform efforts

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Leadership and Dissemination

- Hosted a series of webcasts in collaboration with WestEd
- Electronic Publications
 - CREATE Website (www.cal.org/create)
 - CREATE Newsletter
- Professional Connections
 - Participation in professional meetings such as IRA, AERA, and the LEP Partnership
 - CREATE Conference

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Conference Organization

- Theme: Supporting Content Area Learning in Science, Social Studies, and Mathematics
- Goals of the conference are to
 - Share information from our research
 - Share information from national scholars
 - Stimulate interaction among all participants

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Speakers

- CREATE Team
 - Snow, Hiebert, August, Vaughn, Linan-Thompson, Short, Richards, and Francis
- Invited Speakers
 - Okhee Lee, University of Miami, Science
 - Phil Vahey, SRI International, Mathematics
 - William Schmidt, Michigan State, Mathematics

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Conference Organization

- General structure of the conference
 - hear first from one or more speakers
 - break for small group interaction to discuss hand out materials and the presentations
 - These discussions will be aided by a group of individuals who are here to serve as facilitators

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Conference Organization

- What we're hoping to accomplish in the conference presentations and breakout sessions
 - Stimulate interaction among everyone present
 - Identify and discuss specific actions that we might take in our educational units to promote academic success among our EL students

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Conference Planning

- Elfrieda (Freddy) Hiebert (UC Berkeley)
- Alice Folkins (UC Berkeley)
- Ann Brown (TIMES / UH)
- Cate Coburn (CAL)

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Contact CREATE

- Find out more about CREATE's projects and activities at www.cal.org/create.
- Subscribe to the email announcement list to receive regular updates from CREATE: www.cal.org/create/join.

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References

- August, D.L., & Shanahan, T. (Eds.) (2006). *Developing literacy in a second language: Report of the National Literacy Panel*. Mahwah, NJ: Lawrence Erlbaum Associates.
- Genessee, F., Lindholm-Leary, K., Saunders, W. M., & Christian, D. (Eds.). (2006). *Educating English language learners: A synthesis of research evidence*. New York, NY: Cambridge University Press.
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- Short, D. & Fitzsimmons, S. (2006) *Double the Work: Challenges and Solutions to Acquiring Language and Academic Literacy for Adolescent English Language Learners*. New York: Carnegie Corporation.