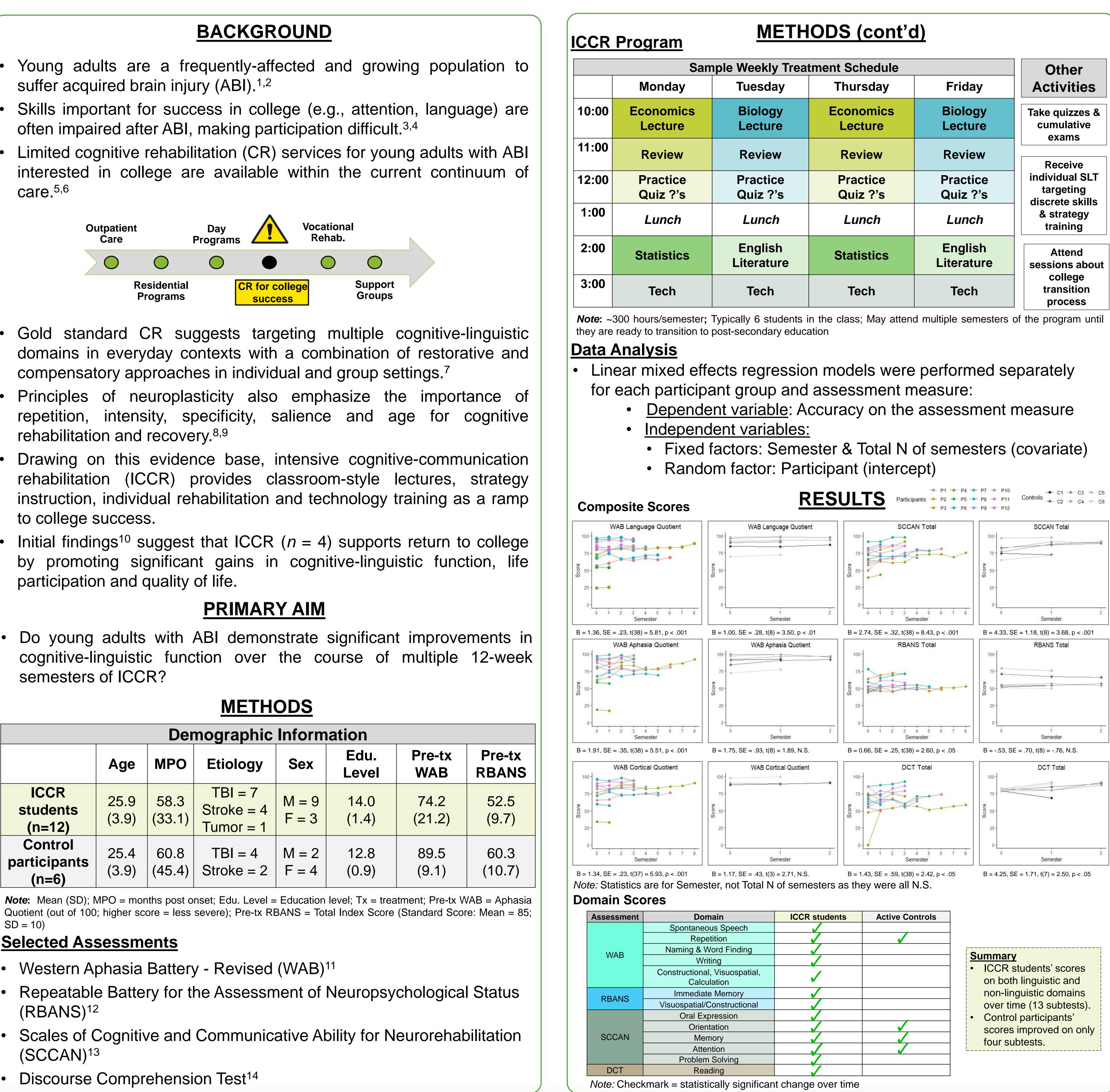
BOSTON UNIVERSITY

Academically-focused cognitive rehabilitation supports cognitive-linguistic recovery in college-bound adults with brain injury Natalie Gilmore, MS, CCC-SLP; Lindsey Foo, MS, CCC-SLP; & Swathi Kiran, PhD, CCC-SLP Speech, Language and Hearing Sciences, Boston University, MA

- suffer acquired brain injury (ABI).^{1,2}
- often impaired after ABI, making participation difficult.^{3,4}
- care.^{5,6}



- compensatory approaches in individual and group settings.⁷
- rehabilitation and recovery.^{8,9}
- to college success.
- participation and quality of life.

semesters of ICCR?

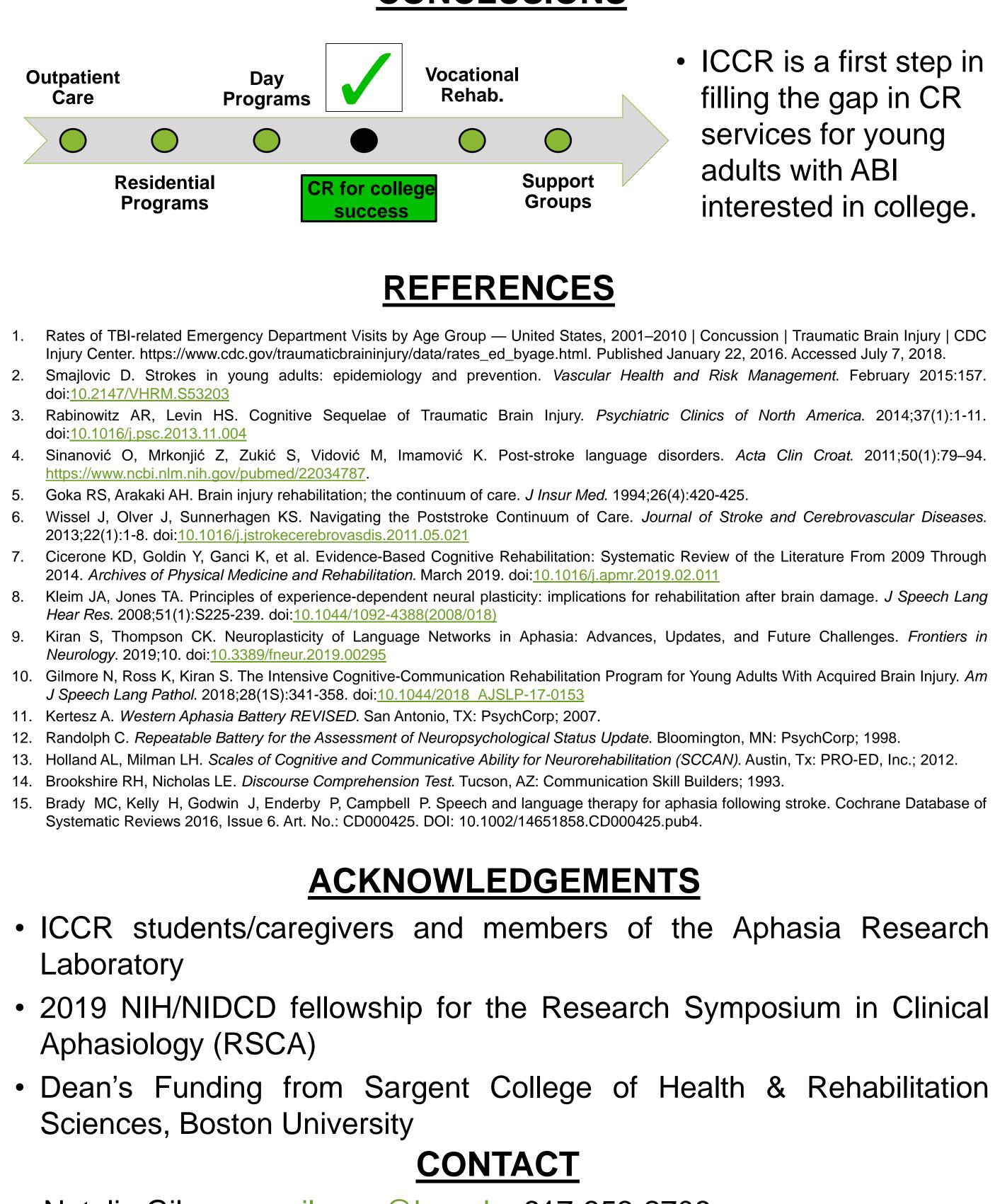
Demographic Information						
	Age	MPO	Etiology	Sex	Edu. Level	P ا
ICCR students (n=12)	25.9 (3.9)	58.3 (33.1)	TBI = 7 Stroke = 4 Tumor = 1	M = 9 F = 3	14.0 (1.4)	(
Control participants (n=6)	25.4 (3.9)	60.8 (45.4)	TBI = 4 Stroke = 2	M = 2 F = 4	12.8 (0.9)	

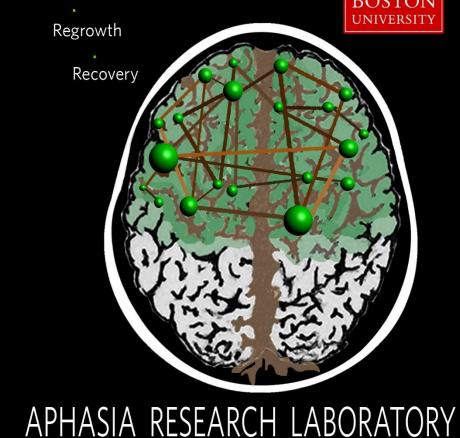
SD = 10)

Selected Assessments

- Western Aphasia Battery Revised (WAB)¹¹
- $(RBANS)^{12}$
- (SCCAN)¹³
- Discourse Comprehension Test¹⁴

- indicating a cumulative benefit of the program.
- experimental participants' gains.
- college success.
- individuals with ABI.¹⁵
- longitudinal gains.





DISCUSSION

On all six cognitive-linguistic assessments, ICCR students' scores significantly improved as the number of semesters in ICCR increased,

ICCR students also demonstrated significant longitudinal gains across a range of cognitive-linguistic domains (e.g., attention, memory, naming). Overall, fewer significant changes were observed in the active deferred treatment controls over time, suggesting ICCR resulted in the

This study expands and confirms our previous work¹⁰ supporting the efficacy of ICCR for improving cognitive-linguistic functions important for

Further, it builds upon the growing evidence base showing the benefits of intensive rehabilitation for improving cognitive-linguistic function in

As this program's structure incorporates principles of neuroplasticity,⁸ future work should examine the brain reorganization underpinning these

CONCLUSIONS

ICCR is a first step in filling the gap in CR services for young adults with ABI interested in college.

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