

2015 IMSA Summer Program Briefing

Board of Trustee Presentation

Wednesday, November 18, 2015

This brief highlights IMSA's delivery of professional development and student enrichment to Illinois teachers and students, respectively, during the Summer of 2015. This document provides an overview of Statewide Educator Initiatives (SEI) and Statewide Student Initiatives (SSI) programs delivered this summer, along with key outputs and outcomes for each.

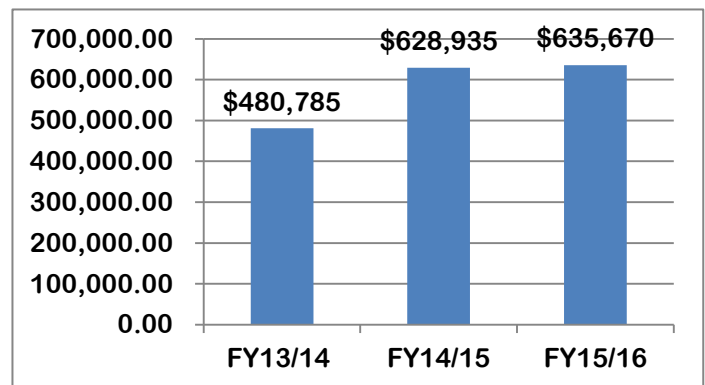
SEI professional development included pre-service and in-service programs serving teachers throughout Illinois. SEI professional development focused on three programs: Golden Apple Scholars, Problem Based Learning, and IMSA Fusion. SEI offered a total of 90 days of professional development from June 1 to August 25 with a total attendance of 655.

SSI programs had 1550 registrations (1346 unique students with 204 repeat attendees) at 6 locations around Illinois, hosting 35 summer programs, which ranged in duration from one week to three weeks. Two types of offerings were delivered by SSI this past summer: Summer@IMSA and IMSA Allies.

Program Outputs

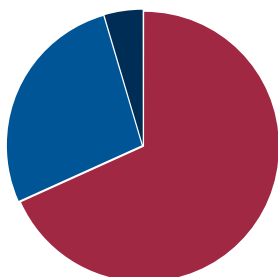
Fiscal Outputs

The period of March through August is our summer program/event registration window. Total income revenue for this period in 2015 (spanning FY's 15 and 16) is \$635,670. See graph at right, showing a three year snapshot of PFS summer revenue (both Educator and Student Initiatives).



Statewide Educator Initiatives

IMSA Fusion offered 25 professional development events with 447 registrations (296 unique teachers with 151 repeat attendees). These events included three Pedagogy, Orientation, and Planning (POP) professional development as well as 22 curriculum specific professional development sessions.



■ Fusion ■ PBL ■ Golden Apple

Pre-service educator programming focused on our partnership with **Golden Apple (GA) Scholars**. 30 GA Scholars spent 5 weeks at IMSA learning from staff before working as

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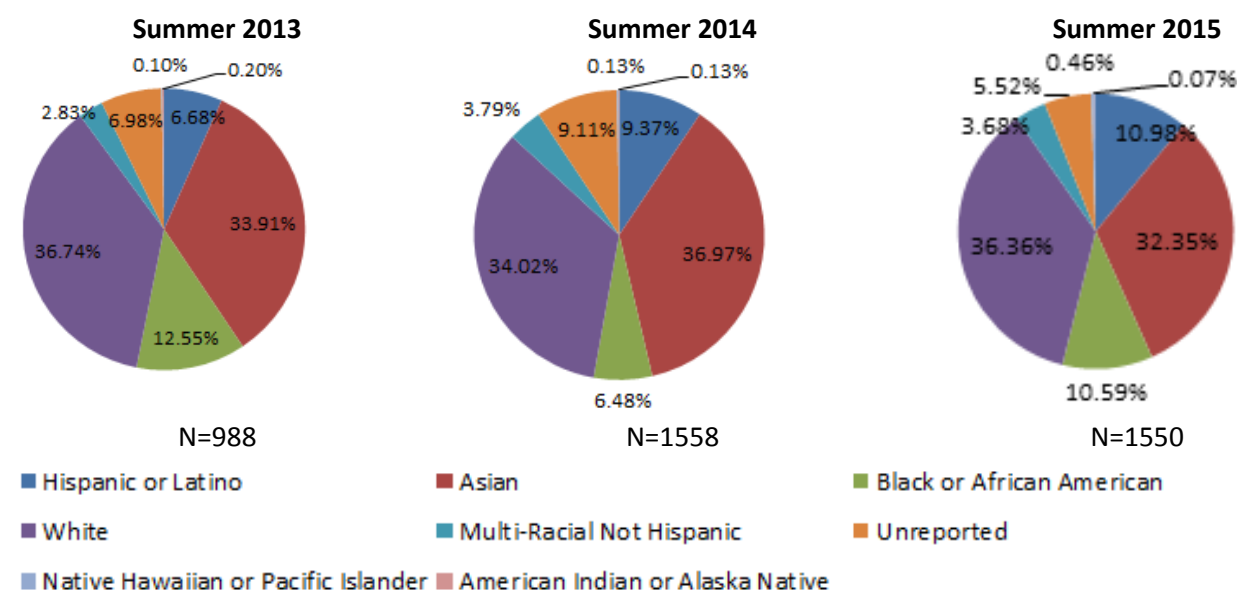
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teachers and leaders in summer programs in East Aurora 131, West Aurora 129, and at IMSA.

Problem Based Learning (PBL) offered trainings in Aurora, Chicago, downstate Illinois, and Ohio, serving a total of 178 participants. Additionally, SEI offered one Problem-Centered Learning event with 16 participants.

Statewide Student Initiatives

Summer@IMSA held 35 programs at six locations across Illinois over the course of nine weeks, serving 1550 students. To the right is a breakdown of the ethnicity of those students*. Locations for programs were: Aurora, 2 locations in Chicago, Springfield, and 2 locations in the Metro-East region. These programs, both day and residential, were for students in grades 3-10 and were taught by high school student Allies, as well as pre-service and in-service educators. Summer@IMSA offered full scholarships to students who are of financial need, this past summer 15.96% of participants received scholarships. Below is a 3 year comparison of Summer@IMSA attendees.



*Prior Year ethnic and race % adjusted to match current 2015 Reporting Standards

IMSA Allies is a youth development service learning program that prepares high school students to deliver inquiry-based, hands-on science, STEM activities to younger learners in their own communities. Currently, IMSA hosts three Allies programs, one in Aurora for IMSA High School students and two in Chicago for Chicago Public School Students.



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Program Short-term Outcomes

IMSA defines outcomes as the expected change among participants, systems, or organizations as a result of the program. Below are the short-term outcomes that were measured during the summer sessions.

In-Service Educators. SEI used the Illinois State Board of Education's Evaluation as a method of collecting data on program impact.

- 81% of teachers reported that the IMSA PD provided them with research-based instructional strategies to assist students in meeting rigorous academic standards.
- 95% of teachers reported that the IMSA PD was comprised of activities that were engaging allowing for analysis, discovery and application
- 87% of teachers reported they strongly agreed that the IMSA PD will have an impact on their professional growth in regards to their content knowledge or skills, or both.

Pre-Service Educators. In collaboration with the Golden Apple Scholars Program, we were able to evaluate scholars on individual growth in the areas of: preparation, content knowledge and classroom management. Scholars receive a pre-assessment evaluation as they deliver a lesson after 10 days in the program with 56% scoring as classroom-ready. Scholars are assessed again on day 18 and 19 of the program with 90% of scholars deemed classroom-ready. Scholar classroom performance improved 34% over the course of the program.

Summer@IMSA. SSI used program participants survey's to measure student short term outcome, 802 students successfully completed the participant survey. Summer participant outcomes:

- 81% of program participants reported they learned new math and science content during the program.
- 89% of students reported they want to learn more about math and science after their Summer@IMSA experience.
- 93% students were able to articulate how they would be able to use what they learned after the program was over.

Allies. SSI used participant survey data along with external evaluation to measure outcomes. In total, 100 Allies were responsible for the facilitation of the Summer@IMSA programs held in Aurora (60) and Chicago (40). Below are some outcomes met during the summer program:

- 95% of Chicago Allies reported that they had made gains in their knowledge of Science, Technology, Engineering, and Math.
- 95% of Chicago Allies reported that the program had helped them learn what it takes to have a successful career (particularly in a STEM field) and had increased their confidence to set ambitious career goals.