

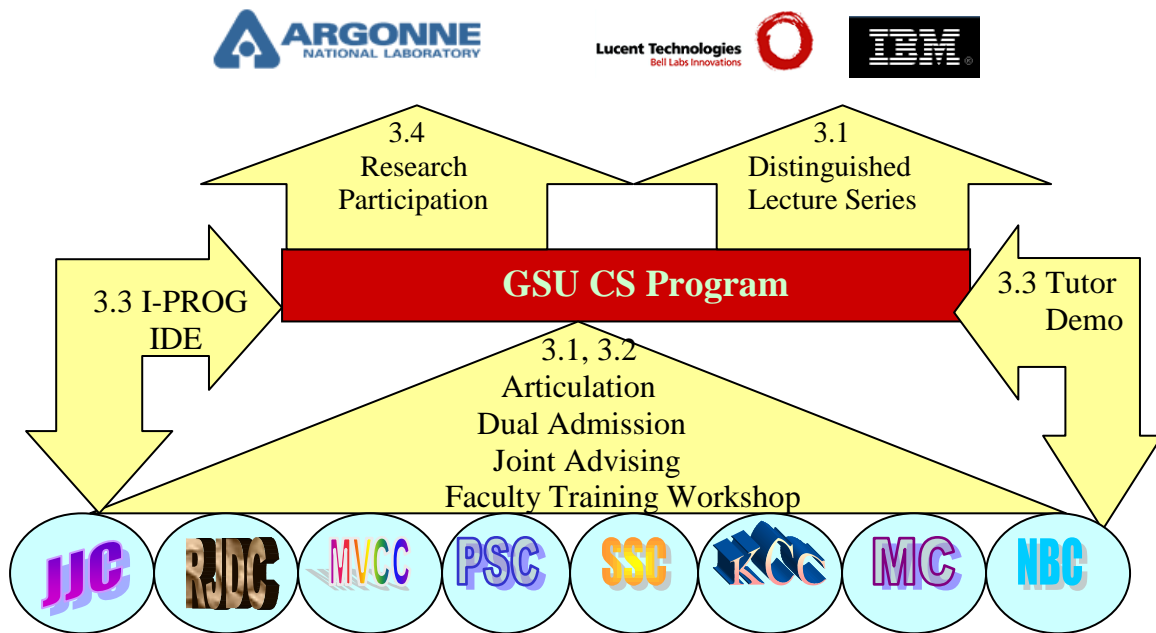


# Collaborative and Integrative Environment for Computer Science Programs

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## A Demonstration Project for Broadening Participation in Computing

Governors State University is in a unique position of collaborations with community colleges and research institutions. The university offers upper division courses for bachelor degrees and courses for master degrees. This demonstration project works on best practices of cooperation among universities and community colleges. The goal is to strengthen the faculty relationships between the university and its partnering community colleges and optimally use the limited resources to better serve the targeted groups. The project will build new relationship with private lower division colleges serving large percentage of underrepresented groups. In terms of working with research institutions, the project extends faculty and student research participation program at Argonne National Laboratory and a distinguished lecture series. To improve success rate in entry level computer programming courses, an Internet enabled integrated development environment will be developed. The new environment can also offer online tutoring, supports and demonstrations. All components of the project work together to attract more students into the computer science program and to help them successfully complete their degrees and move on for careers in computing fields.



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