To: Advocate Board

The Department of Computer Science is requesting that all CSI Advocate Board members complete the following survey. The feedback collected through this survey process will be used by the Computer Science Department to improve the quality of its programs. Your participation in this survey is anonymous.

**Computer Science Program Objectives**

Please indicate, on a scale from 0 to 10, how well you feel the Computer Science department meets each of the following program objectives and how relevant each objective is to the success of their students.

0 – objective NOT met or NOT relevant
5 – neutral
10 – objective COMPLETELY met or HIGHLY relevant

1. To prepare students with a broad-based technical education in computer science.
   _____ how well does the CS department meet this outcome
   _____ how relevant is this objective
   comments:

2. To stimulate students to think clearly, be creative, and communicate effectively.
   _____ how well does the CS department meet this outcome
   _____ how relevant is this objective
   comments:

3. To instill a sense of professional ethics and civic responsibility.
   _____ how well does the CS department meet this outcome
   _____ how relevant is this objective
   comments:

4. To prepare students for employment in organizations that will utilize their computing skills or to continue their education.
   _____ how well does the CS department meet this outcome
   _____ how relevant is this objective
   comments:
Expected Graduate Outcomes

Please rate the Computer Science Department, on a scale from 0 to 10, on how well you feel they meet each of the following Graduate Outcomes and how relevant each outcome is to the success of their students.

0 – outcome NOT met or NOT relevant
5 – neutral
10 – outcome COMPLETELY met or HIGHLY relevant

1. Graduates will be able to apply fundamental concepts of computer science including algorithms, data structures, programming language concepts, database concepts, specification methods and notation, design methods, systems programming, operating systems, and theory.
   _____ how well does the CS department meet this outcome   _____ how relevant is this outcome
   comments:

2. Graduates will be able to write efficient, readable software components in a modern programming language, to document them appropriately, to evaluate their correctness, and to reuse code written by others.
   _____ how well does the CS department meet this outcome   _____ how relevant is this outcome
   comments:

3. Graduates will be able to design, implement and test a software system as part of a group of developers for a given customer within a specified amount of time.
   _____ how well does the CS department meet this outcome   _____ how relevant is this outcome
   comments:

4. Graduates will be able to analyze and synthesize computer systems.
   _____ how well does the CS department meet this outcome   _____ how relevant is this outcome
   comments:
5. Graduates will be able to describe the theoretical underpinnings of computation.
   _____ how well does the CS department meet this outcome   _____ how relevant is this outcome
   comments:

6. Graduates will be able to perform the scientific method and experimental techniques.
   _____ how well does the CS department meet this outcome   _____ how relevant is this outcome
   comments:

7. Graduates will be able to apply discrete and continuous mathematical concepts to the solution of real problems in computing.
   _____ how well does the CS department meet this outcome   _____ how relevant is this outcome
   comments:

8. Graduates will be able to document software components appropriately.
   _____ how well does the CS department meet this outcome   _____ how relevant is this outcome
   comments:

9. Graduates will be able to write and orally present technical reports and/or proposals with clarity, accuracy and completeness.
   _____ how well does the CS department meet this outcome   _____ how relevant is this outcome
   comments:
10. Graduates will be able to discuss contemporary issues in the social sciences and humanities.

_____ how well does the CS department meet this outcome ______ how relevant is this outcome

comments:

11. Graduates will be able to identify and evaluate ethical and social issues in computing.

_____ how well does the CS department meet this outcome ______ how relevant is this outcome

comments:

12. Graduates will be able to interpret and apply the ACM Code of Ethics.

_____ how well does the CS department meet this outcome ______ how relevant is this outcome

comments:

13. Most graduates will take positions in industry that utilize their computing skills.

_____ how well does the CS department meet this outcome ______ how relevant is this outcome

comments:

14. Several strong graduates will be accepted by graduate programs in computer science.

_____ how well does the CS department meet this outcome ______ how relevant is this outcome

comments:
Please list any **Program Educational Objectives** or **Expected Graduate Outcomes** that you feel should be added.

Should any of the existing **Program Educational Objectives** or **Expected Graduate Outcomes** be modified?

Other comments.