Other Outcomes/Objectives, with Any Associations and Related Measures, Targets, Findings, and Action Plans

O/O 1: Increase federal funding
Increase total federal funding levels associated with the center, focusing on larger projects with increased impact

Related Measures

M 1: Annual analysis of grant application submissions
Annual analysis of grant application submissions, with focus on total budget vs. future impact of each funded application (in terms of consumption of center resources vs. budget, potential impact on future funding in related programs), increased scrutiny on grants with budgets less than $100K or with significant indirect cost limitations, include analysis of impact on center resources, type of grants, etc.

Source of Evidence: Existing data

Target: Increase number of high impact federal grants

O/O 2: Increase number of interdisciplinary research projects
Increase the number of interdisciplinary research projects in the center—these are projects that involve non-CS faculty and graduate students or non-IA faculty members

Related Measures

M 2: Review of grant applications submitted/funded
Review of grant applications submitted/funded.

Source of Evidence: Existing data

Target: At least one new funded interdisciplinary grant within the next year.

O/O 3: Increase visibility and community interaction
Increase visibility of the center and the IA program at UNO by increasing interaction with the broader community.

Related Measures

M 3: Tally outreach events
Tally outreach events to local and national elementary/middle/high schools, presentations to technical and non-technical audiences, publications, training events.

Source of Evidence: Activity volume

Target: At least two outreach events per center faculty member, at least two presentations/publications per center faculty member, at least 1 major training event per year.

O/O 4: Increase research productivity of students
Increase research productivity of M.S. and Ph.D. students.

Related Measures

M 4: Track number of publications
Track number of annual publications per IA student.

Source of Evidence: Activity volume

Target: Each IA student in the M.S. thesis track or Ph.D. program should have at least one publication per year at a major IA conference or in a major IA journal.

O/O 5: IA training program participants attain knowledge/skills to impact their curriculum/students
Teachers attend the training, significantly deepen their knowledge of IA, and then transition their experiences and the materials they receive into their classrooms, to provide students with knowledge about IA and potential IA career paths.

Related Measures

M 5: Teacher report
IA training participants will submit a standard reporting format, which provides space for participants to outline how they’ve transitioned their IA knowledge into their classrooms and how much student interest was generated (including students declaring intentions of further study in IA) and to provide a financial incentive for complying with reporting.

Source of Evidence: Academic indirect indicator of learning - other

Target: 100% of IE training participants will submit the optional report. Of all reports submitted, each will indicate a measurable impact on student interest (e.g., students asking for additional information).