SCOPE:
Senior Capstone Program in Engineering

Sponsor a SCOPE team:
Exceptional value for our partners; invaluable experiences for our students

About SCOPE
SCOPE is a unique industry-college collaboration, and the culminating experience of an Olin student’s education. Over the course of a full academic year, seniors work in multi-disciplinary teams to provide innovative solutions to a company’s real-world problem. Olin has conducted SCOPE projects for organizations around the country, including Fortune 500 corporations, government research laboratories, product development companies, small businesses and startups. If you have a challenge which, if addressed, could significantly benefit your company—and you would like to have a team of innovative, entrepreneurial engineers focus on it for an academic year—your company may be a good fit for SCOPE.

Why SCOPE?
In the SCOPE program, seniors are grouped in teams with appropriate skill sets to match the needs of each sponsor company’s project. Partners benefit from:
- Innovative and unexpected solutions to real-world, real-time problems from a talented team of creative young engineers
- Student teams’ access to technical expertise of faculty and industry advisors
- Strong program structure to support the teams’ work, including project management training, reporting and feedback loops, access to Olin’s state-of-the-art facilities and a dedicated, professionally equipped work space
- An appropriate non-disclosure agreement to protect sensitive interests
- Sponsor retention of all intellectual property developed by team
- Preferred recruitment opportunities

SCOPE Partners 2018-19

- Aerodyne*/Air, Inc.: Empowering At-Risk Communities by Democratizing Air Quality Data
- Amazon Robotics*: Amazon Robotics: Container Storage System
- Bill & Melinda Gates Foundation: Pit to Roadside Fecal Sludge Conveyance
- Boeing*: Improving the Wire Harness Assembly Process
- Boston Scientific*: Designing Next-Generation Disposable Endoscopes
- Dassault Systemes SolidWorks*: Digital Construction
- Ford Motor Company: Guiding Principles for Customer Profiles
- GE Healthcare*: Power Quality and Environmental Monitor
- Iron Mountain: Automation of Document Preparation for High-Speed Scanning
- Microsoft Corporation: Making Smart Cities Inclusive
- Santos Family Foundation*/DDOT/Volpe Center*: LISA: Level of Intersection Stress Analysis
- Toyota Motor NA: Exploring New Directions in Personal Mobility
- Watts Water Technologies: Plumbing Sensor Network for Legionella Risk Factor Control

*Multiple-Year Sponsor
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Previous SCOPE Sponsors Include:

- Aerodyne*
- AdsYS Controls
- AGCO*
- Amazon Robotics*
- Analogic*
- Ariens*
- Army Research Laboratory*
- athenahealth
- Aurora Flight Sciences
- Autodesk*
- Blue Origin
- Boeing*
- Bose
- Boston Engineering*
- Boston Scientific*
- Brandeis University*
- Care.com
- CUAHSI
- Dawn Solar Systems
- Dassault Systemes SolidWorks*
- DEKA
- Depuy Mitek/Synthes*
- Draper Laboratory*
- DRS Technologies
- Facebook*
- Fidelity Labs, Inc.*
- FloDesign Wind Turbines
- GE Healthcare
- Harley-Davidson*
- Hewlett-Packard
- Hutchinson/Barry Controls
- IBM*
- indico
- Insulet
- Intuit
- Ivanti
- John Deere
- Lexmark
- Linden Lab
- Locus Robotics
- The MathWorks
- Microsoft
- MIT/DARPA
- MIT Lincoln Labs*
- MITRE*
- Mitsubishi Electric*
- Motorola
- Nortel Networks*
- Onshape
- Orica Mining Services
- OsCom Systems
- Parietal Systems*
- Pearson Education
- PepsiCo
- Pratt & Whitney*
- Premium Power
- Raytheon*
- Rockwell Automation*
- ROCONA*
- SAIC
- Schlumberger*
- Scientific Systems
- Sonos
- SpaceX
- Tata Motors
- Team Grill
- TE Connectivity
- TripAdvisor
- Vision Robotics*
- Volpe Center
- What Matters Most

* Multiple-year sponsor