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## Center for Science & Technology

**November 1983:**  
Brad Strait and J. Alan  
Robinson were named  
Directors of CASE  
Technology Center and  
are pictured at the grand  
opening.



### Strait, Robinson Named to Direct CASE Technology Center at SU

John James Puchta, vice chancellor for academic affairs, has announced the appointment of J. Alan Robinson and Bradley J. Strait as directors of the anticipated Center for Advanced Technology in Computer Applications and Software Engineering (CASCE).

Creation of the CASE Center awaits the approval of the state government, but University officials are confident that the technology center will be in full operation by Feb. 15, 1984. The appointments will take effect on that date.

Prof. Robinson, Distinguished University Professor of Logic and Computer Science in the School of Computer

Science and graduate affairs.

As research director, Prof. Robinson will provide guidance and leadership in the development of research activities at the CASE Center, including research in computer-aided reasoning and related fields in computer science.

Prof. Strait will manage the overall operations of the CASE Center. He will be responsible for computer and software applications and development of support services for the research area, and will serve as liaison between the University and the Center's consortium members and industrial sponsors. He will continue to work closely with the University's Office of Government and



J. Alan Robinson



Bradley J. Strait

**CASE is a State-funded NYSTAR Center for Advanced Technology (CAT) focused on information-intensive technologies.**

- Established in 1984 with additional funds to build the Center for Science and Technology (CST)
- CASE receives \$1M each year from NY State
- Brings in minimum of \$1.25 Million in industry R&D expenditures
- Reports an average of over \$20M in positive economic impact

**In the past 10 years:**

- More than 840 new jobs created and over 450 threatened jobs retained in New York State
- More than \$400 Million in new revenues generated by CASE industry projects, and a total economic impact of over \$600 Million
- More than 900 students hired into co-op positions at more than 250 CNY companies.



- NYSTAR 5-year New York State Grant - \$4,575,945
- Require minimum match - \$5,401,908
- Number of Graduate students support each year – 10
- Leveraging \$1M from NY State, CASE attracts more than \$2 Million of annual R&D investment from dozens of companies

## Why Businesses Work with CASE

- **Connect with faculty expertise to advance R&D, solve problems, develop new technologies**
  - Match companies with appropriate faculty expertise
  - Reduced F&A (overhead) for small (under 100 employees) NY State companies
  - Expedite and facilitate set up and management of research projects
- **Co-op & Internship Program:** recruitment and placement of skilled graduate students
- **Incubator** for industry-university collaborations, including advanced prototype development workshop and fleet of UAVs

## Why Faculty Work with CASE

- Provide additional resources (Grad student support) to sponsored projects from NY state industry
- **Lower overhead rate** for projects with small NY state companies
- Provide seed money for projects that may have commercial potential down the road
- Connect, facilitate and nurture relationships of faculty members with potential industry partners that are interested in their expertise and research foci
- Assist with proposals to funding agencies that support university-industry collaboration
- Bring together interdisciplinary teams

## Notable Research Collaborations

- PAR Technologies (Newhouse)
- JMA Wireless (EECS, pending)
- Thales (EECS, i-school)
- IBM (Physics)
- Lockheed Martin (EECS)
- Saab (EECS)
- AIS (EECS)
- SRC (EECS)



### CASE Incubator Companies

CASE provides **on-campus offices and workspaces** for companies of all sizes and stages of development; we incubate university-industry relationships. We provide a place for co-op students to work, a base of operations to participate in collaborative research or pursue grant opportunities, and an on-campus presence to gain the innovation advantage of being part of the vibrant community at a major research university.

- In 2020 we welcomed **4** new incubator companies into our Incubator program and had **2** companies graduate from the program.
- Currently, we have 10 companies located in the CASE incubator with an 80% occupancy.
  - 3iMobile LLC, AG Models, EVA, IFR Technologies, NSION, Rookie Road, Ram Industrial Design In., Scherzi Systems, Thales Group, and TritonBio.

The **CASE Co-op Program** is a unique, industry-focused service, connecting companies with highly skilled graduate students in a wide array of programs. We partner closely with The College of Engineering and Computer Science, iSchool, and Whitman.

Between 2021 and 2022, more than 60 students hired and 100 employed at 38 NYS companies.  
In the past 10 years, more than 900 students hired into co-op positions at more than 250 CNY companies.

The Co-op Program offers unique value for:

- **Student Experience** – hands-on experience in their field of study, where they may otherwise not be eligible to work
- **Student Recruitment** – The Co-op Program is used as a recruitment tool for international graduate students
- **Industry Partnerships** – offers a close, collaborative relationship between industry, students, and Syracuse University

### Activity Summary

- Externally sponsored corporate research projects
- Enhance student experience (Co-op Program, Graduate Assistants)
- Serve as portal for industry engagement leading to economic growth of the region
- Local ecosystem partners include Empire State Development (NYSTAR), NUAIR, Centerstate CEO, TDO, Biotech Accelerator, ASPI, SU Center of Excellence, SU Law & Innovation Center
- Annual NEXT Innovation Conference

### Looking ahead

- Seeking opportunities to enhance research portfolio in current CASE focus areas as well as emerging technologies
- Looking for increased collaboration with SU entities such as Corporate Relations
- Preparing to submit a compelling proposal to NYSTAR during 2024-25 for the next 10-year cycle