CyberSMART

With its Lead Site at Georgetown University in Washington DC and its Partner Site at the University of Notre Dame, Cyber SMART is the only multi-discipline cyber research center accredited by the National Science Foundation for its Industry-University Cooperative Research Center (IUCRC) program.

The IUCRC program was established forty years ago by the NSF with three primary objectives that also underpin Cyber SMART:

- Conduct high-quality, high-impact research to meet shared needs of industry
- Drive innovative technology development
- Recruit, mentor and develop a diverse, high-tech, exceptionally skilled workforce
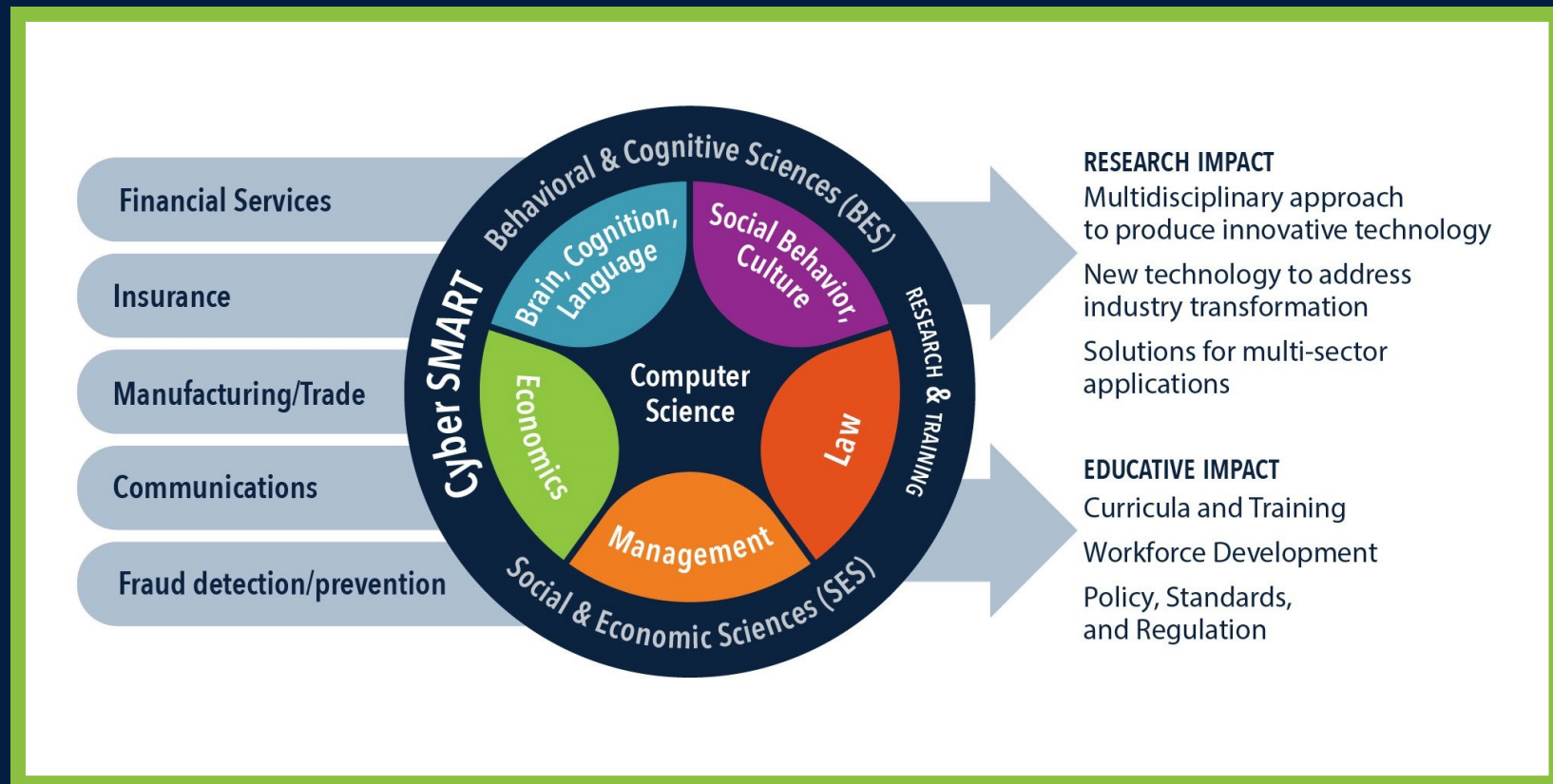
CS *Making a Difference!*

The IUCRC program brings industry and academia together to collaborate in producing cutting-edge research and training.

- *Cyber SMART is the first and only IUCRC to strategically combine computer science with related social and economic sciences, and behavioral and cognitive sciences.*

- *The Center has lead researchers in all the major disciplines and draws on the expertise from Faculty, students, and researchers from across its constituent Universities.*

- *This approach provides unique insights and efficiently produces research that benefits industry, policymakers and regulators, consumers, and society in general.*

Benefits of Membership

As an IUCRC, Cyber SMART is part of one of the NSF's most highly-regarded programs with a proven track record of success and societal impact over 40 years, with participation by over 1000 organizations.

For an annual membership fee of $US50,000 for Full Membership, benefits to your organization include:

- **Access to the best and brightest**
  - Long-term relationships with leading faculty researchers and research assistants
  - Participation in workshops, exchange programs, and internships
  - Student and postgraduate mentoring
  - Recruitment of students, postgraduates, and early career researchers

- **Leveraged return on investment**
  - Affordable access to world-class multi-disciplinary cyber expertise
  - Low indirect cost of 10% set by the NSF
  - 90% of Member funding goes to research compared with the usual 65%
  - Return on each $1 of membership funding is on average $20-40

- **A Unique collaborative community**
  - Members, even those who are competitors, collaborate on cyber challenges of mutual interest
  - Interaction with government regulators to shape policies and procedures
  - Input into the Center's research direction and priorities, and selection of projects for funding
  - Priority access to research outcomes pre-publication

Current Members and Projects

Cyber SMART's members currently include national and international corporations from the communications, banking, finance, insurance, manufacturing, retail, and logistics sectors as well as a national regulator.
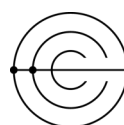

The following Cyber SMART projects are currently underway: ● Cyber Initiatives in Multimedia Emergency Communications ● Decentralized Oracle and Game Theory ● Blockchain Technology and Policy Governance ● Central Bank Digital Currency and Digital Money ● DeFi and Stable Coin ● Digital Trust and Privacy Protection ● Layer 2, Side Chain, Security, Anonymity, and Traceability ● Decentralized Privacy-preserving Authentication/Identification with DID and Distributed VC, and their key management ● Digital Asset and its Governance ● Smart Insurance

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