

# Collaborative Research: SaTC: EDU: Developing Instructional Laboratories for Blockchain Security Applications

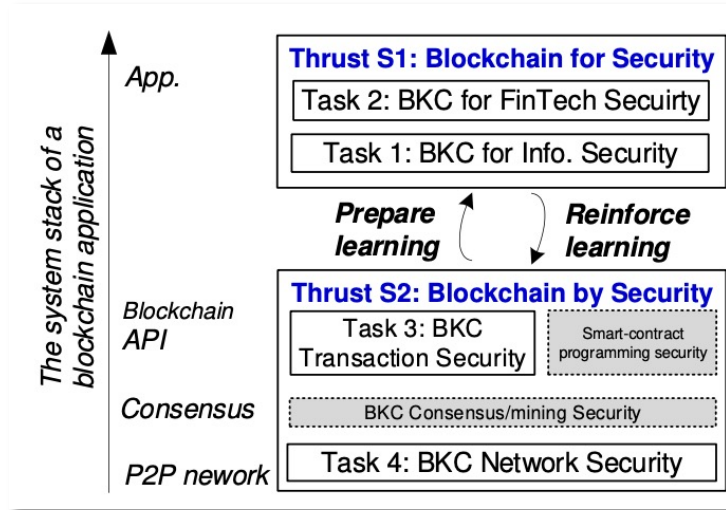


## Challenge:

- How to identify blockchain-centric lab scenarios for cyber-security learning objectives
- Dissemination of labs to the HBCU community

## Solution:

- “Blockchain for security” at the DApp layer
- “Blockchain by security” on the consensus & network layers



**Two angles: Blockchain for security and blockchain by security**

## Scientific Impact:

- Develop cybersecurity workforce to build
  - Decentralized applications in various domains
  - Secure next-gen. blockchain and decentralized systems

## Broader Impact and Broader Participation:

- Use the labs in blockchain courses for CS/FIN at Syracuse Univ.
- Disseminate the labs to the HBCU community thru. organized workshop.

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