**RACHEL BLEIMAN**

*rachel.bleiman@temple.edu*

**EDUCATION**

 **Temple University, Philadelphia, PA** August 2020 **-**Present

 **PhD Student, Criminal Justice**

 **Bachelor of Arts, Criminal Justice** May 2020

 *Minors in Information Science & Technology, Psychology*

 **GPA:** 3.93

**HONORS & AWARDS**

Liberal Arts Undergraduate Research Award (LAURA)………………………………….Summer 2020

Livingstone Undergraduate Research Award, Social Sciences………………………………Spring 2020

SaTC PI Meeting Travel Grant…………………………………………………………………Fall 2019

CARAS Travel Grant...…………………………………………………………………………Fall 2019

Phi Beta Kappa Honors Society…………………………………………………….Spring 2019-Present

Dean’s List……………………………………………………………….Fall 2016-Fall 2018, Fall 2019

Temple University Honors Program……………………………………………..Fall 2016-Spring 2020

**PUBLICATIONS**

* Rege, A. & **Bleiman, R.** (in press). “Ransomware attacks against critical infrastructure”. *Proceedings of the 19th European Conference on Cyber Warfare and Security.*
* Rege, A., Nguyen, T., & **Bleiman, R.** (in press). “A social engineering awareness and training workshop for STEM students and practitioners”. *Proceedings of the 10th IEEE Integrated STEM Education Conference.*
* **Bleiman, R.** & Rege, A. (2020). “An Examination in Social Engineering: The Susceptibility of Disclosing Private Security Information in College Students”. *Proceedings of the 15th International Conference for Cyber Warfare and Security*.

**CONFERENCE AND PRESENTATION EXPERIENCE**

* **Rachel Bleiman**, "Looks (and dogs) can be deceiving: student-on-student manipulation," *Virtual, September 2020, BSides Boston*
* NSF Cybersecurity Summit for Large Facilities and Cyberinfrastructure, September 2020
* **Rachel Bleiman** & Wilson Diaz**,** “Undergraduate Student Experiences in Social Engineering” *Virtual, June 2020, Layer8 Conference*
* **Rachel Bleiman** & Trinh Nguyen, “[A social engineering awareness and training workshop for STEM students and practitioners](https://ieee-isec.info/day/1/track/Full%20Papers)" *Virtual, August 2020,* [*The 10th IEEE Integrated STEM Education Conference (ISEC)*](https://ewh.ieee.org/conf/stem/)
* **Rachel Bleiman,** “The Susceptibility of Disclosing Private Security Information in College Students,” *Alexandria, VA, October 2019, NSF Secure and Trustworthy Cyberspace Principal Investigators’ Meeting*
* **Rachel Bleiman**, “Social Engineering Project: Pretexting” *San Diego, CA, October 2019, NSF Cybersecurity Summit for Large Facilities and Cyberinfrastructure*
* **Rachel Bleiman**, “Social Engineering Course Projects: Terms and Conditions,” *San Diego, CA, October 2019, NSF Cybersecurity Summit for Large Facilities and Cyberinfrastructure*

**TRAININGS AND WORKSHOPS**

* Rege, A., **Bleiman, R**. & Ducoste, M. (2020). Social engineering for multiple undergraduate STEM fields. The 10th IEEE Integrated STEM Education Conference (ISEC). Virtual, August 1, 2020.
* Rege, A**.**, Nguyen, T. & **Bleiman, R**. Social Engineering Workshop. Women in Cybersecurity Conference. Denver, Colorado, March 14, 2020. – accepted, but conference cancelled due to covid-19.
* Rege, A., Nguyen, T. & **Bleiman, R**. (2019). Social Engineering Workshop. 2019 NSF Cybersecurity Summit. San Diego, California, October 15, 2019.

**PROFESSIONAL EXPERIENCE**

**Temple University,** Philadelphia, PA

*Undergraduate Research Assistant, NSF Career Award #1453040* August 2019- May 2020

*Graduate Research Assistant, NSF Career Award #1453040* June 2020-Present

*Principle Investigator: Dr. Aunshul Rege*

* Conduct field research at cyber ranges and cybersecurity competitions to observe adversarial behavior in cyberattacks
* Conduct interview and observational data analysis to understand adversarial behavior and group dynamics in cyber attacks
* Maintain a repository of critical infrastructure cyber attacks
* Assist with designing training projects on cyber security education

**Temple University,** Philadelphia, PA May 2019- October 2019

*Principle Investigator, Undergraduate Honors Research Project*

* Designed a social engineering research study
* Designed interview and observation data collection instruments
* Collected field research
* Recruited and surveyed subjects

**Temple University,** Philadelphia, PA April 2019- Present

*TECH Center Student Consultant*

* Consult and troubleshoot technological issues with printers and computers
* Fulfill administrative tasks including answering phones, renting laptops to students, and booking study rooms through an online portal
* Conduct inspections to ensure that patrons are abiding by the policies in place

**Temple University,** Philadelphia, PA

*Subject Tutor, Resnick Academic Support Center* August 2018 – May 2020

* Aid student-athletes in their studies by explaining difficult material and concepts in the areas of Criminal Justice, including research methods and statistics
* Create post-session reports to facilitate good communication among myself, the student-athlete, and the academic advisor
* Practice active listening to assess problems and adapt to each student’s need

**RELEVANT INVOLVEMENT**

**Criminal Justice Society**

September 2017 – May 2020

* Attended Naloxone (Narcan) Training to reverse opioid overdoses
* Participated in group discussions with guest speakers in various criminal justice fields
* Volunteered in the respective area of Philadelphia

**SKILLS**

* Research Proficiency
* Microsoft Office
* Statistical Analysis in SPSS
* Programming in Java, Python, and SQL
* ArcGIS