



## Report Title

Final Report: ACM CCS 2013-2015 Student Travel Support

### ABSTRACT

Under the ARO funded effort titled "ACM CCS 2013-2015 Student Travel Support," from 2013 to 2015, George Mason University awarded 10 students travel awards every year. These grants enabled the students to offset the cost to attend the ACM Conference on Computer and Communications Security (ACM CCS).

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**Enter List of papers submitted or published that acknowledge ARO support from the start of the project to the date of this printing. List the papers, including journal references, in the following categories:**

**(a) Papers published in peer-reviewed journals (N/A for none)**

<u>Received</u>	<u>Paper</u>
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**TOTAL:**

Number of Papers published in peer-reviewed journals:

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**(b) Papers published in non-peer-reviewed journals (N/A for none)**

<u>Received</u>	<u>Paper</u>
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**TOTAL:**

Number of Papers published in non peer-reviewed journals:

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**(c) Presentations**

Number of Presentations: 0.00

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**Non Peer-Reviewed Conference Proceeding publications (other than abstracts):**

Received      Paper

**TOTAL:**

Number of Non Peer-Reviewed Conference Proceeding publications (other than abstracts):

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**Peer-Reviewed Conference Proceeding publications (other than abstracts):**

Received      Paper

**TOTAL:**

Number of Peer-Reviewed Conference Proceeding publications (other than abstracts):

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**(d) Manuscripts**

Received      Paper

**TOTAL:**

Number of Manuscripts:

---

**Books**

Received      Book

**TOTAL:**

Received

Book Chapter

**TOTAL:**

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**Patents Submitted**

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**Patents Awarded**

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**Awards**

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**Graduate Students**

<u>NAME</u>	<u>PERCENT SUPPORTED</u>
<b>FTE Equivalent:</b>	
<b>Total Number:</b>	

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**Names of Post Doctorates**

<u>NAME</u>	<u>PERCENT SUPPORTED</u>
<b>FTE Equivalent:</b>	
<b>Total Number:</b>	

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**Names of Faculty Supported**

<u>NAME</u>	<u>PERCENT SUPPORTED</u>
<b>FTE Equivalent:</b>	
<b>Total Number:</b>	

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**Names of Under Graduate students supported**

<u>NAME</u>	<u>PERCENT SUPPORTED</u>
<b>FTE Equivalent:</b>	
<b>Total Number:</b>	

**Student Metrics**

This section only applies to graduating undergraduates supported by this agreement in this reporting period

The number of undergraduates funded by this agreement who graduated during this period: ..... 0.00

The number of undergraduates funded by this agreement who graduated during this period with a degree in science, mathematics, engineering, or technology fields:..... 0.00

The number of undergraduates funded by your agreement who graduated during this period and will continue to pursue a graduate or Ph.D. degree in science, mathematics, engineering, or technology fields:..... 0.00

Number of graduating undergraduates who achieved a 3.5 GPA to 4.0 (4.0 max scale):..... 0.00

Number of graduating undergraduates funded by a DoD funded Center of Excellence grant for Education, Research and Engineering:..... 0.00

The number of undergraduates funded by your agreement who graduated during this period and intend to work for the Department of Defense ..... 0.00

The number of undergraduates funded by your agreement who graduated during this period and will receive scholarships or fellowships for further studies in science, mathematics, engineering or technology fields:..... 0.00

**Names of Personnel receiving masters degrees**

NAME

**Total Number:**

**Names of personnel receiving PHDs**

NAME

**Total Number:**

**Names of other research staff**

NAME

PERCENT SUPPORTED

**FTE Equivalent:**

**Total Number:**

**Sub Contractors (DD882)**

**Inventions (DD882)**

**Scientific Progress**

**Technology Transfer**

**Final Report**  
**ACM CCS 2013-2015 Student Travel Support**  
**ARO Award No. W911NF-13-1-0137**

Submitted by

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Under the ARO funded effort titled “ACM CCS 2013-2015 Student Travel Support,” from 2013 to 2015, George Mason University awarded 10 students travel awards every year. These grants enabled the students to offset the cost to attend the ACM Conference on Computer and Communications Security (ACM CCS).

**Conference Information**

The ACM Conference on Computer and Communications Security is the flagship annual conference of the Special Interest Group on Security, Audit and Control (SIGSAC) of the Association for Computing Machinery (ACM). The conference brings together information security researchers, practitioners, developers, and users from all over the world to explore cutting-edge ideas and results. It provides an environment to conduct intellectual discussions. From its inception, CCS has established itself as a high standard research conference in its area.

**ACM CCS 2013.** The 20<sup>th</sup> ACM Conference on Computer and Communications Security was held in Berlin, Germany, from November 4 to November 8, 2013. The conference received 530 submissions from 38 countries. A Program Committee comprising 82 experts from 16 countries as well as 310 external reviewers evaluated these submissions in the customary double-blind manner. At the end of the review process, 105 papers were selected for inclusion in the program, representing an acceptance rate of about 20%.

**ACM CCS 2014.** The 21<sup>st</sup> ACM Conference on Computer and Communications Security was held in Scottsdale, Arizona, USA from November 3 to November 7, 2014. The conference received 585 submissions from 43 countries. A Program Committee comprising

98 experts from 15 countries, helped by 399 external reviewers, evaluated these submissions employing the customary double-blind review procedure. The review process resulted in 114 papers being accepted to the program, representing an acceptance rate of about 19.5% and providing a very broad coverage of the entire information security area.

**ACM CCS 2015.** The 22<sup>nd</sup> ACM Conference on Computer and Communications Security was held in Denver, Colorado, USA from October 12 to October 16, 2015. The conference received 660 submissions. A Program Committee comprising 120 experts from 20 countries, helped by 338 external reviewers, evaluated these submissions, employing the customary double-blind review procedure. The review process resulted in 128 papers being accepted to the program (with authors from 19 countries), representing an acceptance rate of about 19.4% and providing a very broad coverage of the entire information security area.

## **Use of Funds**

The \$30,000 project budget was spent to support 10 students each year and enable them to attend ACM CCS. Each student received \$1,000 to partially fund their travel expenses. Awardees were selected by the CCS Travel Grants Committee, and preference was given to students who had papers accepted for publication at the conference. Students seeking a travel grant applied by submitting an application – including a CV, letter of support from the academic advisor, and a research statement – to the CCS Travel Grants Committee. After evaluating all the applications, the Committee sent the PI at George Mason University the list of students who were selected. A list of the awardees is provided below, along with their affiliation when available.

## **ACM CCS 2013**

- Carter, Henry Lee
- Schuchard, Maxfield
- Nikolaenko, Valeria
- Nguyen, Giang
- Syta, Ewa
- Rajendran, Jeyavijayan
- Zhang, Xu
- Kapravelos, Alexandros
- Cha, Sang Kil

- Tam, Kimberly

#### **ACM CCS 2014**

- Phuong, Tran Viet Xuan (University of Wollongong, Australia)
- Tian, Yuan (Carnegie Mellon University)
- Shukla, Diksha (Syracuse University)
- Shirvanian, Maliheh (University of Alabama at Birmingham)
- Monshizadeh, Maliheh (University of Illinois at Chicago)
- Chang, Wentao
- Mekky, Hesham (University of Minnesota)
- O'Neill, Mark (Brigham Young University)
- Krupp, Johannes (Saarland University, Germany)
- Zhang, Yupeng (University of Maryland, College Park)

#### **ACM CCS 2015**

- Zhang, Yupeng (University of Maryland, College Park)
- Bum , Jun Kwon (University of Maryland, College Park)
- Chen, Qi (University of Michigan)
- Ming, Jiang (The Pennsylvania State University)
- Zhang, Nan (Indiana University Bloomington)
- Naveed, Muhammad (University of Illinois Urbana-Champaign)
- Papadopoulos, Dimitrios (Boston University)
- Wang, Tao (University of South Florida)
- Guoxing, Chen (The Ohio State University)
- Zhang, XiaoKuan (The Ohio State University)