

Current and Pending Support

(See GPG Section II.D.8 for guidance on information to include on this form.)

The following information should be provided for each investigator and other senior personnel. Failure to provide this information may delay consideration of this proposal.

| | |
|------------------------------|---|
| Investigator: Marco Gruteser | Other agencies (including NSF) to which this proposal has been/will be submitted. |
|------------------------------|---|

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|----------|---|----------------------------------|--|---|
| Support: | <input checked="" type="checkbox"/> Current | <input type="checkbox"/> Pending | <input type="checkbox"/> Submission Planned in Near Future | <input type="checkbox"/> *Transfer of Support |
|----------|---|----------------------------------|--|---|

Project/Proposal Title: NeTS Medium: Visual MIMO Networks

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|--|----------------------------|-----------------------------|-------------------|--|
| Source of Support: | NSF | | | |
| Total Award Amount: | \$685,000 | Total Award Period Covered: | 04/01/11-03/31/15 | |
| Location of Project: | WINLAB, Rutgers University | | | |
| Person-Months Per Year Committed to the Project. | Cal: | Acad: | Sum: 1 | |

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|----------|---|----------------------------------|--|---|
| Support: | <input checked="" type="checkbox"/> Current | <input type="checkbox"/> Pending | <input type="checkbox"/> Submission Planned in Near Future | <input type="checkbox"/> *Transfer of Support |
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Project/Proposal Title: Collaborative Research: SoCS: Local Community Crowdsourcing of Physical-World Tasks with Myrmex

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|--|----------------------------|-----------------------------|-------------------|--|
| Source of Support: | NSF | | | |
| Total Award Amount: | \$530,134 | Total Award Period Covered: | 09/01/12-08/31/15 | |
| Location of Project: | WINLAB, Rutgers University | | | |
| Person-Months Per Year Committed to the Project. | Cal: | Acad: | Sum: 1 | |

| | | | | |
|----------|---|----------------------------------|--|---|
| Support: | <input checked="" type="checkbox"/> Current | <input type="checkbox"/> Pending | <input type="checkbox"/> Submission Planned in Near Future | <input type="checkbox"/> *Transfer of Support |
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Project/Proposal Title: TWC: Small: Redesigning Mobile Privacy: Helping Developers to Protect Users

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|--|----------------------------|-----------------------------|-------------------|--|
| Source of Support: | NSF | | | |
| Total Award Amount: | \$318,636 | Total Award Period Covered: | 08/01/12-03/31/15 | |
| Location of Project: | WINLAB, Rutgers University | | | |
| Person-Months Per Year Committed to the Project. | Cal: | Acad: | Sum: 0 | |

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|----------|---|----------------------------------|--|---|
| Support: | <input checked="" type="checkbox"/> Current | <input type="checkbox"/> Pending | <input type="checkbox"/> Submission Planned in Near Future | <input type="checkbox"/> *Transfer of Support |
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Project/Proposal Title: Development of the DSRC V2V Scalability Simulator

Original Award = \$190,944 Supplement 1 = \$190,944 Supplement 2 = \$55,000

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|--|--|-----------------------------|---------------------|--|
| Source of Support: | Crash Avoidance Metrics Partnership (CAMP) | | | |
| Total Award Amount: | \$436,888 | Total Award Period Covered: | 01/14/13-01/31/2015 | |
| Location of Project: | WINLAB, Rutgers University | | | |
| Person-Months Per Year Committed to the Project. | Cal: | Acad: | Sum: 0 | |

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Support: ☒ Current ☐ Pending ☐ Submission Planned in Near Future ☐ *Transfer of Support

Project/Proposal Title: Exploring Smartphone-based Vehicle-Pedestrian Accident Risk Detection

Source of Support: Qualcomm Inc.

Total Award Amount: \$50,000

Total Award Period Covered: 04/01/13-03/31/15

Location of Project: WINLAB, Rutgers University

Person-Months Per Year Committed to the Project.

Cal:

Acad:

Sum: 0

Support: ☒ Current ☐ Pending ☐ Submission Planned in Near Future ☐ *Transfer of Support

Project/Proposal Title: CPS: Synergy: Collaborative Research: Harnessing the Automotive Infoverse

Source of Support: NSF

Total Award Amount: \$455,575

Total Award Period Covered: 10/01/13-09/30/17

Location of Project: WINLAB, Rutgers University

Person-Months Per Year Committed to the Project.

Cal:

Acad:

Sum: 1

Support: ☒ Current ☐ Pending ☐ Submission Planned in Near Future ☐ *Transfer of Support

Project/Proposal Title: Congestion Control Algorithms for Vehicular Networks

Original Award - \$25,000

Supplement - \$45,000

Source of Support: Toyota Info Technology

Total Award Amount: \$70,000

Total Award Period Covered: 03/01/14-10/01/16

Location of Project: WINLAB, Rutgers University

Person-Months Per Year Committed to the Project.

Cal:

Acad:

Sum: 0

Support: ☒ Current ☐ Pending ☐ Submission Planned in Near Future ☐ *Transfer of Support

Project/Proposal Title: One Ring to Rule Them All: A Hardware Token-based Identification and Authentication Solution for Touchscreen-enabled Devices with Capacitive Touch Communications (CTC)

Source of Support: Google

Total Award Amount: \$14,887

Total Award Period Covered: 02/25/14-02/28/16

Location of Project: WINLAB, Rutgers University

Person-Months Per Year Committed to the Project.

Cal:

Acad:

Sum: 1

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Support: ☒ Current ☐ Pending ☐ Submission Planned in Near Future ☐ *Transfer of Support

Project/Proposal Title: CSR: Medium: Collaborative Research: Guardian Angel—Enabling Mobile Safety Systems

Source of Support: NSF

Total Award Amount: \$350,000

Total Award Period Covered: 10/01/14-09/30/17

Location of Project: WINLAB/Rutgers University

Person-Months Per Year Committed to the Project.

Cal: Acad: Sum: 1

Support: ☐ Current ☒ Pending ☐ Submission Planned in Near Future ☐ *Transfer of Support

Project/Proposal Title: Enhancements and Protocol Revisions for the DSRC Simulator

Source of Support: Crash Avoidance Metrics Partnership (CAMP)

Total Award Amount: \$261,157

Total Award Period Covered: 02/01/15-01/31/16

Location of Project: WINLAB/Rutgers University

Person-Months Per Year Committed to the Project.

Cal: Acad: Sum: 1

Support: ☐ Current ☒ Pending ☐ Submission Planned in Near Future ☐ *Transfer of Support

Project/Proposal Title: TWC: Small: Authenticating Smart Wearable Devices Using Unique Human Body Movement Patterns

Source of Support: NSF

Total Award Amount: \$500,000

Total Award Period Covered: 09/01/15-08/31/18

Location of Project: WINLAB, Rutgers University

Person-Months Per Year Committed to the Project.

Cal: Acad: Sum: 0.17

Support: ☐ Current ☐ Pending ☐ Submission Planned in Near Future ☐ *Transfer of Support

Project/Proposal Title:

Source of Support:

Total Award Amount:

Total Award Period Covered:

Location of Project:

Person-Months Per Year Committed to the Project.

Cal: Acad: Sum: