Meet the PD

Vladimir Pavlovic (CISE/IIS/RI)

• IPA (rotator) Rutgers University, Computer Science
  • Computer Vision
  • Human-like communication (Gestures/Face/Body)
  • Multimodal ML
  • Representation & Reasoning
  • Language-Vision
  • Multiagent Behavior

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https://seqam.rutgers.edu
<table>
<thead>
<tr>
<th>Site ID</th>
<th>REU Site</th>
<th>Start Date</th>
<th>Principal Investigator</th>
<th>Institution</th>
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<tbody>
<tr>
<td>2244586</td>
<td>REU Site: Summer Program for Interdisciplinary Research and Education-</td>
<td>05/01/2023</td>
<td>Stephen Gilbert</td>
<td>Iowa State University</td>
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<td>Emerging Interface Technologies</td>
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<td>2244580</td>
<td>REU Site: Drivers for Machine Learning and Artificial Intelligence</td>
<td>06/01/2023</td>
<td>Angela Green Ganesh</td>
<td>University of Illinois at Urbana-Champaign</td>
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<td>Practices (MAPs)</td>
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<td>2244492</td>
<td>REU Site: Trust and Reproducibility of Intelligent Computation</td>
<td>03/15/2023</td>
<td>Gopalakrishnan</td>
<td>University of Utah</td>
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<td>2244450</td>
<td>REU Site: Non-Invasive Deep Brain-Computer Interfaces</td>
<td>05/01/2023</td>
<td>Jing He</td>
<td>Kennesaw State University Research and Service</td>
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<td>REU Site: Big Data Analytics</td>
<td>04/15/2023</td>
<td>Roman Garnett</td>
<td>Washington University</td>
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<td>04/01/2023</td>
<td>Ryan Kastner</td>
<td>University of California-San Diego</td>
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<td>REU Site: Exploring the Limits of Intelligent Systems</td>
<td>05/01/2023</td>
<td>Alexandra Schofield</td>
<td>Harvey Mudd College</td>
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<td>REU Site: Research on Prescriptive Analytics for AI-enabled Operations</td>
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<td>Suchithra Rajendran</td>
<td>University of Missouri-Columbia</td>
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<td>2243589</td>
<td>Engineering</td>
<td>03/15/2023</td>
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Solicitation: NSF 22-601

REU Site CISE specific requirements

• CISE Research Experiences for Undergraduates Sites (CISE REU Sites) / NSF - National Science Foundation

• Reminders:

• Use ETAP to manage applications.

• Importance of the data submitted therein and to “Comparative Evaluation of Undergraduate Research Opportunities on Student Interest in Research Careers in CISE Fields” CERP evaluation team.
REU Site Participant Travel Funds

- Your participants can request travel funds to present on their research experience:

- BIO, GEO, CISE and OCE REU Travel Grant - Rocky Mountain Biological Laboratory (rmbl.org) https://www.rmbl.org/students/reu-travel-grant
Reporting Requirements: Writing a Good Annual Report

1. All students must be listed as participants
2. Did they describe activities of participants?
   1. List of projects with faculty/grad mentors & student role
   2. Publications and presentations
   3. Website
3. Did they describe contributions of personnel?
   1. Training provided for mentors
   2. Continued interaction of mentors with students during academic year?
4. Did they include Evaluation results?
   1. Participant outcomes
   2. Information on applicants and participants
   3. Must include disaggregated data on: race, gender, ethnicity, disability status, class (1st yr, 2nd yr, etc.), type of home institution
IIS Context: Discussion Ideas

- 10-week summer (dense focus) vs year (sparse)?
- Onboarding strategies?
- Cohort cohesion strategies?
  - Social interactions vs research.
  - Federal rules do not allow funding of social activities?
- Cohort composition: 50% from institutions with limited research opportunities.
  - Could NSF help with a unified “hiring” resource?
- Outcome tracking?
- NSF CloudBank (https://www.cloudbank.org)?

- New solicitation:
  - Earlier deadlines?
  - Coordinate REU Site deadlines?
  - C&P from PI + senior personnel?
- How can we (NSF) help better?
Thank you!