Opportunity Title: Intersection of Cyber Culture, History, and Technology Adoption
Opportunity Reference Code: ARL-C-USMA-400000

Organization	DEVCOM Army Research Laboratory
Reference Code	ARL-C-USMA-400000
Description	**About the Research**

The Army Cyber Institute has established the Information Warfare team to examine the effects and causes of computing technology and cyber operations on misinformation, disinformation, and other aspects of information conflict. Research is needed to identify how history, cultural trends, and cyber technology development influence policy, technology adoption, and the use/ misuse of technology for cyberspace advantage. Further, as cultural practices adopt, discard, and evolve technologies, the speed at which U.S. military and government cyberspace planners can foresee and adapt is quickly overwhelmed. Research into root causes, trends, applications, and consequences of cultural influences is required to explore ways to mitigate and recover from these influences on cyberspace operations. A subject matter research assistant is sought to create research projects that will uncover and link underlying historical, cultural, and societal influences surrounding military cyber operations and emerging technologies that impact information conflict.

ARL Advisor: Jason Brown

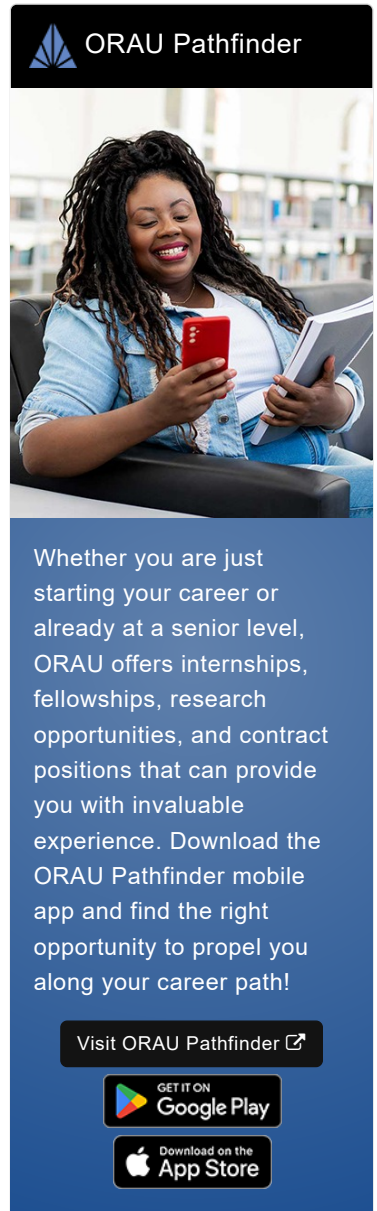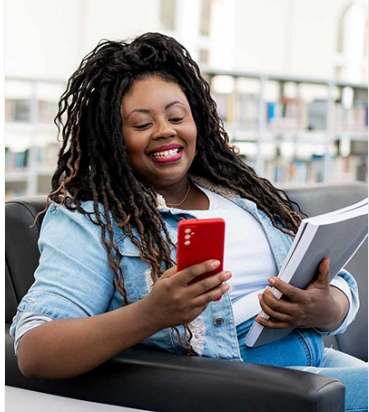*ARL Advisor Email:* jason.c.brown52.mil@army.mil

About CISD

The [Computational and Information Sciences Directorate (CISD)](#) conducts research in a variety of disciplines relevant to achieving and implementing the so-called digital battlefield. Problems address the sensing, distribution, analysis, and display of information in the modern battle space. CISD research focuses on four major areas: communications, atmospheric modeling, battlefield visualization, and computing
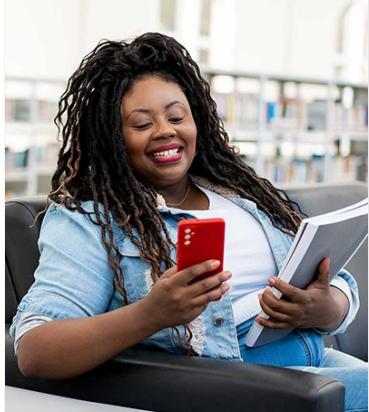
About ARL-RAP

The [Army Research Laboratory Research Associateship Program](#) (ARL-RAP) is designed to significantly increase the involvement of creative and highly trained scientists and engineers from academia and industry in scientific and technical areas of interest and relevance to the Army. Scientists and Engineers at the CCDC Army Research Laboratory (ARL) help shape and execute the Army's program for meeting the challenge of developing technologies that will support Army forces in meeting future operational needs by pursuing scientific research and technological developments in diverse fields such as: applied mathematics, atmospheric characterization, simulation and human modeling, digital/optical signal processing, nanotechnology, material science and technology, multifunctional technology, combustion processes, propulsion and flight physics, communication and networking, and computational and information sciences.

A complete application includes:

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- **Curriculum Vitae or Resume**
- **Three References Forms**
  - An email with a link to the reference form will be available in Zintellect to the applicant upon completion of the on-line application. Please send this email to persons you have selected to complete a reference.
  - References should be from persons familiar with your educational and professional qualifications (include your thesis or dissertation advisor, if applicable)
- **Transcripts**
  - Transcript verifying receipt of degree must be submitted with the application. Student/unofficial copy is acceptable

If selected by an advisor the participant will also be required to write a **research proposal** to submit to the ARL-RAP review panel for :

- Research topic should relate to a specific opportunity at ARL (see Research Areas)
- The objective of the research topic should be clear and have a defined outcome
- Explain the direction you plan to pursue
- Include expected period for completing the study
- Include a brief background such as preparation and motivation for the research
- References of published efforts may be used to improve the proposal

A link to upload the proposal will be provided to the applicant once the advisor has made their selection.

Questions about this opportunity? Please email ARLFellowship@orau.org.

Eligibility Requirements

- **Citizenship:** U.S. Citizen Only
- **Degree:** Master's Degree or Doctoral Degree received within the last 300 months or currently pursuing.
- **Academic Level(s):** Any academic level.
- **Discipline(s):**
  - **Business** (11 👁)
  - **Chemistry and Materials Sciences** (12 👁)
  - **Communications and Graphics Design** (6 👁)
  - **Computer, Information, and Data Sciences** (17 👁)
  - **Earth and Geosciences** (21 👁)
  - **Engineering** (27 👁)
  - **Environmental and Marine Sciences** (14 👁)
  - **Life Health and Medical Sciences** (48 👁)
  - **Mathematics and Statistics** (11 👁)
  - **Other Non-Science & Engineering** (13 👁)
  - **Physics** (16 👁)
  - **Science & Engineering-related** (2 👁)
  - **Social and Behavioral Sciences** (29 👁)

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