



ARL-SR-0354 • MAR 2016



# **Adaptive Training and Education Research at the US Army Research Laboratory: Bibliography (2013–2015)**

**by Robert A Sottolare**

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# **Adaptive Training and Education Research at the US Army Research Laboratory: Bibliography (2013–2015)**

**by Robert A Sottolare**

*Human Research and Engineering Directorate (HRED)*

**REPORT DOCUMENTATION PAGE**

*Form Approved  
OMB No. 0704-0188*

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<b>1. REPORT DATE (DD-MM-YYYY)</b> March 2016		<b>2. REPORT TYPE</b> Special Report		<b>3. DATES COVERED (From - To)</b> 1 January 2013–31 December 2015	
<b>4. TITLE AND SUBTITLE</b> Adaptive Training and Education Research at the US Army Research Laboratory: Bibliography (2013–2015)				<b>5a. CONTRACT NUMBER</b>	
				<b>5b. GRANT NUMBER</b>	
				<b>5c. PROGRAM ELEMENT NUMBER</b>	
<b>6. AUTHOR(S)</b> Robert A Sottolare				<b>5d. PROJECT NUMBER</b>	
				<b>5e. TASK NUMBER</b>	
				<b>5f. WORK UNIT NUMBER</b>	
<b>7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)</b> US Army Research Laboratory ATTN: RDRL-HR Aberdeen Proving Ground, MD 21005-5425				<b>8. PERFORMING ORGANIZATION REPORT NUMBER</b>  ARL-SR-0354	
<b>9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)</b>				<b>10. SPONSOR/MONITOR'S ACRONYM(S)</b>	
				<b>11. SPONSOR/MONITOR'S REPORT NUMBER(S)</b>	
<b>12. DISTRIBUTION/AVAILABILITY STATEMENT</b> Approved for public release; distribution is unlimited.					
<b>13. SUPPLEMENTARY NOTES</b>					
<b>14. ABSTRACT</b> This report provides a comprehensive bibliography of publications produced from 2013 through 2015 under the direction of the US Army Research Laboratory's (ARL's) adaptive training and education research program. This includes journal articles, technical reports, and conference papers produced by ARL employees and contractors to support the development of the Generalized Intelligent Framework for Tutoring prototypes to support an open-source architecture for authoring, delivering, and evaluating adaptive instruction.					
<b>15. SUBJECT TERMS</b> adaptive training and education, adaptive instruction, intelligent tutoring systems, Generalized Intelligent Framework for Tutoring, GIFT					
<b>16. SECURITY CLASSIFICATION OF:</b>			<b>17. LIMITATION OF ABSTRACT</b>  UU	<b>18. NUMBER OF PAGES</b>  32	<b>19a. NAME OF RESPONSIBLE PERSON</b> Robert A Sottolare
<b>a. REPORT</b> Unclassified	<b>b. ABSTRACT</b> Unclassified	<b>c. THIS PAGE</b> Unclassified			<b>19b. TELEPHONE NUMBER (Include area code)</b> 407-208-3007

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## **1. Introduction**

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Adaptive training and educational instruction provides tailored experiences that are guided by computer-based intelligent tutoring systems. This report provides a comprehensive bibliography of publications produced from 2013 through 2015 under the direction of the US Army Research Laboratory's (ARL's) adaptive training and education research program. The bibliography includes references for journal articles, technical reports, and conference papers produced by ARL employees and contractors to support the development of the Generalized Intelligent Framework for Tutoring (GIFT) prototypes during this period to provide an open-source architecture for authoring, delivering, and evaluating adaptive instruction. In addition to the GIFT symposia, conference papers were produced and presented at a variety of technical venues that included but were not limited to the following organizations' conferences: Interservice/Industry Training, Simulation and Education, Artificial Intelligence in Education, Intelligent Tutoring Systems, Human Factors and Ergonomics, Applied Human Factors and Ergonomics, Augmented Cognition, Defense and Homeland Security Simulation, and Florida Artificial Intelligence Research Society. Contributors to these publications included members of US government agencies, academic institutions worldwide, and industry in the modeling, simulation, and training industrial base. References are arranged in reverse chronological order grouped by their year of publication.

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