

Fuad Abujarad
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[Dr. Abujarad](#) research is interdisciplinary and focuses on the design, development, and use of Health Information Technology (HIT) tools in the domain of public health, clinical, as well as health services research.

He is currently studying the use of automated screening, motivational interviewing, virtual coaching, and mHealth to enhance identifying **elder mistreatment** at the point-of-care. Another project is examining the effect of enhancing **e-referral** to deliver a comprehensive, multi-sector-connected-service model via a community-driven coordinated-case-management approach to improve older adults' capacity for self-care. A third project is using HIT to build and strengthen the **personal care aides** (PCAs) workforce to meet the overwhelming demand for high-quality, lower-cost supports and services for older adults at home through an implementation of a new more efficient and cost-effective way. Also, he is studying the use of HIT to prevent **abuse, neglect, and exploitation** of older adults in long-term care settings.

Dr. Abujarad is also studying the use of HIT to improve the **Informed Consent** process. He is the PI on the "Patient-Centered Virtual Multimedia Interactive Informed Consent (VIC)" an R21 funded by AHRQ. In this study, he developed and evaluated a reusable infrastructure that will enable the informed consent process to be performed on handheld devices (e.g. iPads) utilizing interactive multimedia libraries (e.g. graphics, video clips, animations, presentations, etc.) designed to enhance patient comprehension and quality of care.

As a computer scientist, his research focused on software solutions for healthcare service challenges. His background in computer science enables him to refine the design, as well as implementation and deployment of health systems, that is easy-to-use, user-friendly, and feasible.

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