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I work and have experience in the area of Public Health in the field of Occupational Health, and more specifically in occupational health and safety. I am member of the research project called ITAPAR (Innovation and Transformation for Prevention Activity of Professional Risks) led by Prof. Rodolfo Vilela, in partnership with French researchers, and we have been using CHAT and the Change Laboratory to assist in the prevention of work-related diseases and injuries.

I have participated in research across different sectors using CHAT, such as the construction sector, railway sector, hospital sector, worker health surveillance, and more recently, I am initiating research in schools. In our research, we aim to stimulate workers' agency for learning, work transformation, and prevention of work-related diseases and injuries.

In my doctoral research, I applied the Change Laboratory in the construction sector to analyze and prevent workplace accidents in this sector. It was my first approach to research in CHAT, during which I did an internship at the University of Helsinki. During the internship, I was able to count on the assistance of Prof. Yrjö Engeström, Prof. Annalisa Sannino, Prof. Jaakko Virkkunen, and other researchers from CRADLE.

I participated in the discussions and development of a method for analyzing workplace accidents, based on the Change Laboratory, which was called the Expanded Method of Accident Analysis and Prevention (MAPA-Ex). This method was applied in the railway sector to prevent fatal work accidents.

I believe that Activity Theory, especially the 4th generation of Activity Theory, has been helping us to analyze and understand systemically the existing historical interactions and contradictions that can contribute to promoting occupational health and safety. Currently, I am working on a research project for the development of worker health surveillance activities. After collaboratively analyzing surveillance activities and based on CHAT principles, we are working on the development of software for the prevention of fatal workplace accidents. Additionally, I am a professor and advisor in the Postgraduate Program in Health and Community at the Federal University of Piauí, and I am starting a research project for the prevention of work-related diseases and injuries among school teachers, where we intend to apply the Change Laboratory.

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