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Innovating Nanoparticle Safety: Storage, Handling, and Disposal Processes FINN O'BRIEN, KATHERINE MOORE, IVANNA STUART, ANDREW LEWIS, NANCY BURNHAM, Worcester Polytechnic Institute — Uncertainty concerning nanoparticle safety measures stem from a scarcity of readily accessible, practical, and application-specific information. This constitutes a hazard for the workplace and the environment. We investigated nano-safety questions and interviewed researchers across Switzerland. We created a set of printable, customizable posters with clear guidelines, and a list of recommend equipment to make a laboratory nanoparticle ready, which we both made available online. Through these solutions, we aim to improve the implementation of safe nanoparticle practices and save researchers time and frustration.

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