1928654 and 2031326: FW-HTF-RL: Co-worker Robots to Impact Seafood Processing (CRISP): Designs, Tools and Methods for Enhanced Worker Experience

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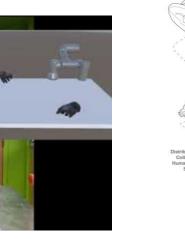{t.padir, j.basl, k.jona, k.kloeckl, a.modestino}@northeastern.edu

Reinventing the future-of-work in seafood processing industry with collaborative robots to impact productivity, worker safety, quality of work life and immigrant labor economics in the workplace.
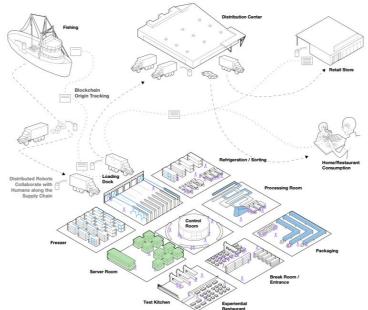
Future Technology
Multi-use collaborative robots
Knowledge transfer
Task guidance
Personalized experiences

Future Work
Seafood Industry 4.0
Inspection and grading
Material handling
Large item co-manipulation

Future Workers
Better experiences
Safer workplaces
Productive inconvenience