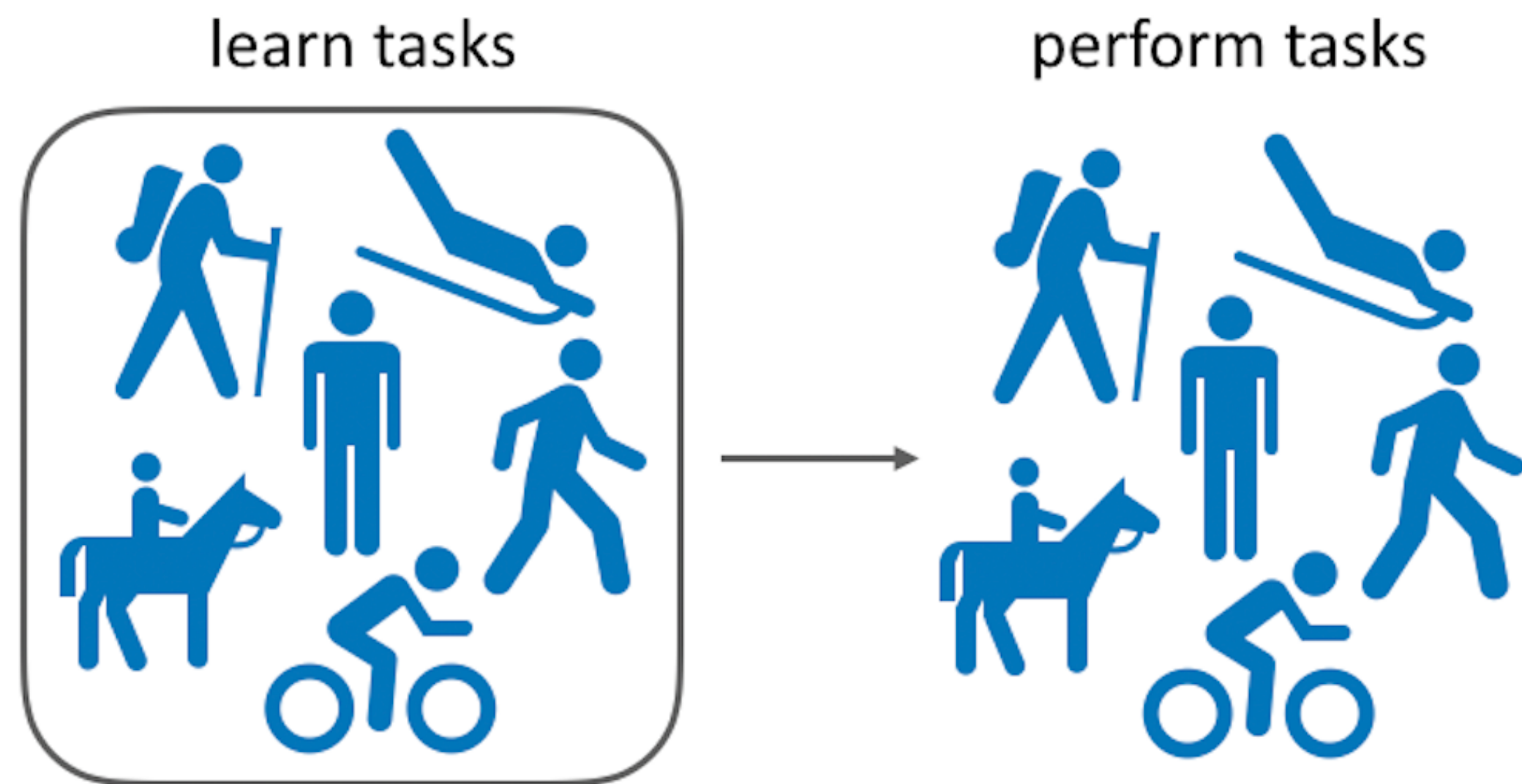


Meta-World: A Benchmark and Evaluation for Multi-Task and Meta Reinforcement Learning

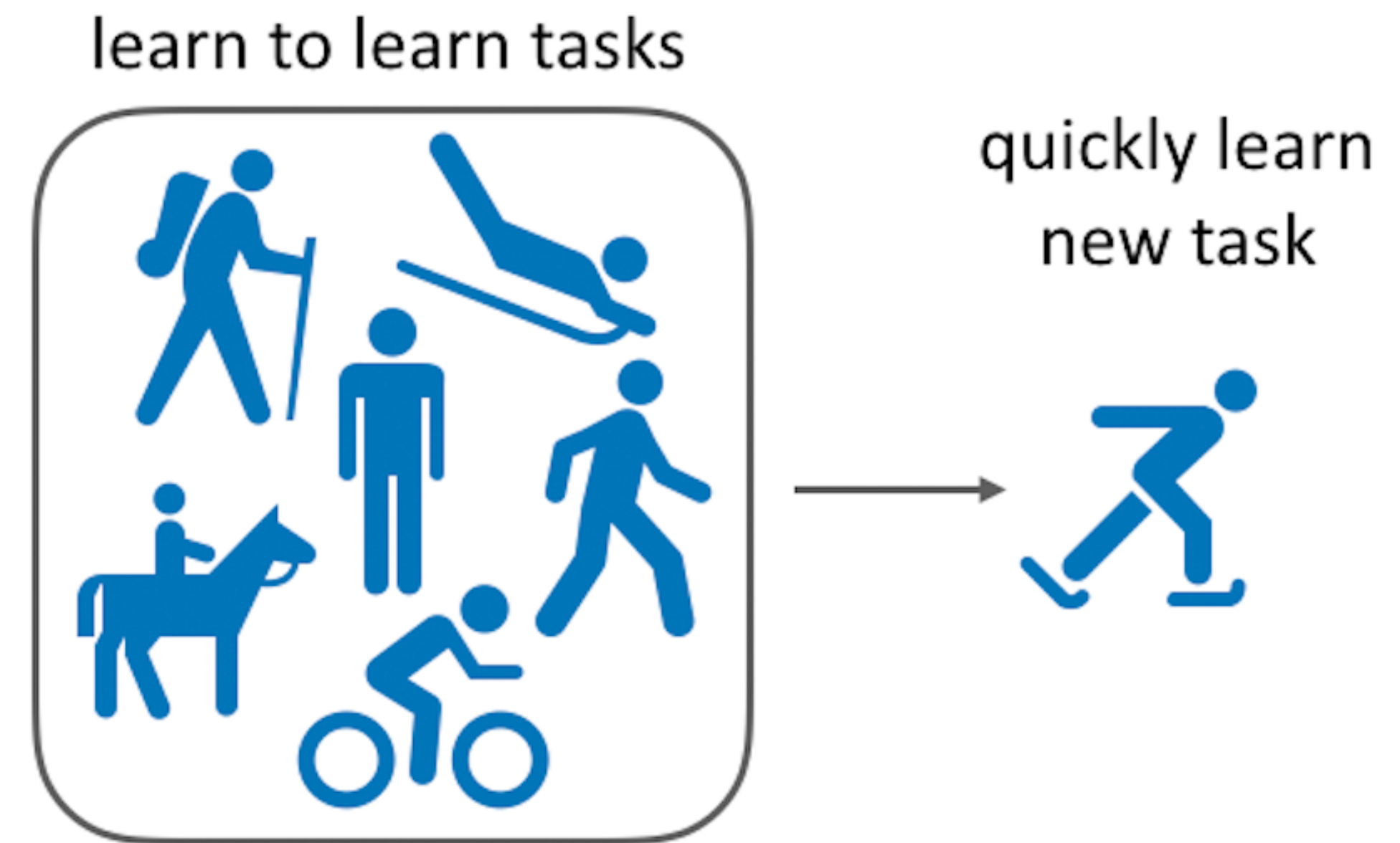
Tianhe Yu*, Deirdre Quillen*, Zhanpeng He*, Ryan Julian,
Karol Hausman, Chelsea Finn, Sergey Levine
CoRL 2019



Multi-Task Reinforcement Learning



Meta Reinforcement Learning



Multi-Task Reinforcement Learning

Promise: learn a single policy that can solve multiple tasks more efficiently than learning the tasks individually

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Current Multi-Task RL benchmarks

Meta Reinforcement Learning

Promise: efficiently acquire new tasks by leveraging experiences from past tasks

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Current Meta-RL benchmarks

Goal: enable meta-RL to generalize to new distinct skills and evaluate the generalization performance

Meta-World Task Suite

Evaluation Modes

