Running CLI Commands

```
(dev) Yvette:~/tmp/wiz-demo dwhs$ openpathsampling pathsampling -h
Usage: openpathsampling pathsampling [OPTIONS] INPUT_FILE

  General path sampling, using setup in INPUT_FILE

Options:
  -o, --output-file PATH  output file  [required]
  -m, --scheme TEXT       identifier for the move scheme
  -t, --init-conds TEXT   identifier for initial conditions (sample set or
                          trajectory); may be used more than once
  -n, --nsteps INTEGER    number of Monte Carlo trials to run
  -h, --help              Show this message and exit.


(dev) Yvette:~/tmp/wiz-demo dwhs$ openpathsampling pathsampling equil.db
      -o output.db -n 1000
Working on Monte Carlo cycle number 8
Running for 1 second -  0.22 seconds per step
Estimated time remaining: 3 minutes 42 seconds
```

Outline

- What are rare events, and why do we care?

- What is path sampling?

- What is OpenPathSampling (OPS)?

- What are some recent updates in OPS?

- **How can your projects interface with OPS?**

- What's coming soon?