Charles Tapley Hoyt, Ph.D.

cthoyt.com · linkedin.com/in/cthoyt · github.com/cthoyt · @cthoyt@scholar.social · Q47475003
https://orcid.org/0000-0003-4423-4370 · PjrpzUIAAAAJ

Interests

Systems and Networks Biology, Cheminformatics, Machine Learning, Knowledge Graphs, Network Representation Learning, Proteochemometrics, Target Prioritization, Drug Repositioning, Pathway Analysis

Work (Recent)

I'm taking personal leave beginning May 2024 and will be considering new opportunities beginning in Fall 2024 (only remote from Germany).

2023–24 **Senior Scientist**, *Northeastern University*, Boston, MA, USA (remote).
2021–23 **Research Fellow**, *Harvard Medical School*, Boston, MA, USA (remote).
2020 **Computational Biologist**, *Enveda Biosciences*, Boulder, CO, USA (remote).
2018–19 **Lecturer**, *University of Bonn*, Bonn, Germany.
2016–19 **Research Fellow**, *Fraunhofer SCAI*, Sankt Augustin, Germany.

Education

2018–19 **Doctor of Philosophy**, *Computational Life Sciences*, University of Bonn, Germany.
2015–17 **Master of Science**, *Life Science Informatics*, University of Bonn, Germany.
2011–15 **Bachelor of Science**, *Chemistry*, Northeastern University, USA.

Affiliations

2021– International Society of Biocuration (Executive Board 2023-)
2017– OpenBEL Consortium
2011–22 American Chemical Society
2020 CoronaWhy

Spoken Languages

English (Native), German (Limited working proficiency)

Programming Languages

Python, Bash, Fish, R, Java, SQL, SPARQL, Cypher, Javascript, HTML, CSS, XPath, Docker, LaTeX

Projects (Selected)

Bioregistry, *An integrative registry of biological databases, ontologies, and nomenclatures.*
`https://github.com/biopragmatics/bioregistry`

PyBEL, *An ecosystem for biological knowledge graphs in BEL.*
`https://github.com/pybel`

PyKEEN, *Learning, evaluation and applications of knowledge graph embeddings.*
`https://github.com/pykeen/pykeen/`