

# Charles Tapley Hoyt, Ph.D.

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## 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,  $\text{\LaTeX}$

— 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/>