# 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

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|---|---|
| 2020- | **Computational Biologist**, *Enveda Therapeutics*, Bonn, Germany. |
| 2018–19 | **Lecturer**, *University of Bonn*, Bonn, Germany. |
| 2016–19 | **Research Fellow**, *Fraunhofer SCAI*, Sankt Augustin, Germany. |
| 2012–15 | **Teaching Assistant**, *Northeastern University*, Boston, MA, USA. |
| 2014 | **in Silico Lead Discovery Co-op**, *Novartis*, Cambridge, MA, USA. |
| 2013–14 | **Molecular Informatics Internship**, *Pfizer*, Cambridge, MA, USA. |
| 2013 | **Post-Selection Chemistry Co-op**, *GlaxoSmithKline*, Waltham, MA, USA. |
| 2012 | **Research Assistant**, *Pollastri Laboratory, Northeastern University*, Boston, MA, USA. |

## Education

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

## Affiliations

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| 2020– | CoronaWhy |
| 2017– | OpenBEL Consortium |
| 2016– | Erasmus Student Network |
| 2011– | American Chemical Society |

## Spoken Languages

English (Native)

German (Limited working proficiency)

## Programming Languages

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

## Projects

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

**Bio2BEL**, *Reproducible semantic data integration of biological knowledge graphs*.
https://github.com/bio2bel

**BEL Commons**, *Interactive exploration and analysis of biological knowledge graphs*.
https://github.com/bel-commons