



## **Rossin College of Engineering and Applied Science Open Rank Search: Data Science for Health**

The Rossin College of Engineering and Applied Science (RCEAS) at Lehigh University invites applications at all ranks for a tenure-track or tenured position in Data Science for Health. This search is being conducted jointly by the Department of Industrial and Systems Engineering (ISE) and the Department of Computer Science and Engineering (CSE) and is one of several expected hires in the area of Data Science for Health. Human health is an identified area of strategic importance for Lehigh, as reflected by the recent establishment of a new College of Health (CoH). Candidates must possess a Ph.D. or equivalent by date of hire.

The successful candidate will be expected to demonstrate a strong commitment to undergraduate and graduate education; pursue a vibrant research agenda focused on data science methodology with applications to health; and be committed to fostering a diverse, equitable, and inclusive environment.

Lehigh's RCEAS is comprised of eight departments with strong ties to Lehigh's three interdisciplinary research institutes, including the Institute for Data, Intelligent Systems, and Computation (I-DISC). ISE currently has 20 full-time faculty members, 160 undergraduate and 120 graduate students, 35 of whom are Ph.D. students. The ISE faculty maintains an outstanding international reputation in a variety of research areas, including data science and machine learning; mathematical optimization; stochastic models; applied operations research; quantum computing; and uncertainty quantification. CSE currently has 19 tenured and tenure-track professors and 10 instructional faculty members, with vibrant and strong undergraduate, masters, and doctoral programs currently supporting more than 600 students. The department has strengths in systems, robotics, human-centered computing, data science, machine learning and AI. Both CSE and ISE have extensive interdisciplinary ties with each other and with other departments at Lehigh through master's programs (such as the new MS in Data Science) and the university's flagship research institutes, including I-DISC.

Founded in 1865, Lehigh University has combined outstanding academic and learning opportunities with leadership in fostering innovative research. Recognized among the nation's highly ranked research universities, Lehigh offers a rigorous academic community for nearly 7,000 students. Lehigh University has some 5,000 undergraduates, 2,000 graduate students, and about 550 full-time faculty members. Lehigh University is located in Bethlehem, PA., a vibrant and historic area. Over 800K people live in the Lehigh Valley, which is in close proximity to New York City and Philadelphia.

Junior (tenure-track) applicants should apply at <https://academicjobsonline.org/ajo/jobs/25984> and senior applicants at <https://academicjobsonline.org/ajo/jobs/25975>. Review of applications will begin October 15, 2023 and will continue until the position is filled. The application should include a cover letter; a curriculum vitae; a research statement that describes past scholarly contributions and future research directions; a teaching statement that describes instructional philosophy and courses that the candidate would want to teach or develop; a statement on diversity, equity, and inclusion (DEI) that describes prior DEI experience and a candidate's vision for enhancing community and culture at Lehigh (guide for understanding and preparing such statements is available [here](#)); and names and addresses of at least three references. Inquiries may be addressed to Professor Ted Ralphs, Search Committee Chair, [ted@lehigh.edu](mailto:ted@lehigh.edu).

Lehigh University is an affirmative action/equal opportunity employer and does not discriminate on the basis of age, color, disability, gender identity or expression, genetic information, marital or familial status, national or ethnic

origin, race, religion, sex, sexual orientation, or veteran status. We are committed to increasing the diversity of the campus community. Lehigh University is committed to a culturally and intellectually diverse academic community and is especially interested in candidates who can contribute, through their research, teaching and/or service, to this mission. Lehigh University is the recipient of an [NSF ADVANCE Institutional Transformation Award](#) for promoting the careers of women in academic sciences and engineering and is among institutions of higher education recognized for excellence in diversity with the INSIGHT into Diversity HEED Award. Additional information about Lehigh's commitment to diversity and inclusion is available [here](#). Lehigh University provides competitive salaries and comprehensive benefits, including domestic partner benefits (more information [here](#)). Lehigh University supports [dual career](#) efforts for following spouses/partners of newly hired faculty