



2025–2026 Herman Goldstine Memorial Fellowship in Mathematical Sciences



The IBM Research Mathematical Sciences Council invites applications for its 2025–2026 Herman Goldstine Memorial Postdoctoral Fellowship for research in mathematical and computer sciences. The fellowship provides scientists of outstanding ability an opportunity to advance their scholarship as resident department members at one of the IBM Research laboratories. The main hub of mathematical sciences activities in IBM Research is at the IBM Thomas J. Watson Research Center in Westchester County, less than an hour north of New York City. Mathematical sciences research is also pursued at many of our global lab locations around the world.

IBM Research provides an atmosphere in which basic research is combined with work on practical applications. Our permanent members, academic visitors, and post-doctoral fellows pursue research in pure and applied mathematics and in theoretical and exploratory computer science. Core fields of research include: algorithms, applied probability, complexity theory, dynamical systems, numerical analysis and scientific computing, operations research, optimization and statistics. Areas of particular interest include: algorithmic game theory, artificial general intelligence, automated theorem proving and program synthesis, bio-inspired information processing, theory and analysis of foundation models and machine learning, and geometric data analysis. Close interaction with permanent department members is expected and encouraged, but fellows are free to pursue their own research interests.

Up to two fellowships will be awarded. The fellowship has a period of one year, and may be extended for another year by mutual agreement.

For full details and to apply, please visit:
<https://research.ibm.com/goldstine/>

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Submission deadline
31 Dec 2024

Eligibility

Candidates must have received a Ph.D. degree after September 2023 or should expect to receive one before the fellowship commences in the second half of 2025 (usually in September).

Application requirements

Applicants are required to complete an online application form; and provide their full CV, Ph.D. dissertation abstract, 2–3 page research statement, and 3 or more letters of recommendation, including one from their thesis advisor.

Location

One of the IBM Research laboratories

Email questions to
gpffellow@ibm.com

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Mathematical Sciences Council