The Center for Data and Computing at the University of Chicago seeks applications for Postdoctoral Scholars who wish to deepen their knowledge of cutting-edge data science and computing research while developing additional expertise in a specific, applied problem domain.

The Center for Data and Computing (CDAC) is the intellectual hub and incubator for data science research at the University of Chicago. Co-located with the University of Chicago Computer Science Department, we catalyze discoveries by exploring new data and computing methods, foundations, and platforms in the context of real-world applications.

This unique program provides postdocs with the opportunity to pursue original research on significant questions in data science, while also developing specialized domain expertise in one or more complementary areas such as behavioral science, healthcare, and public policy. Drawing on the University of Chicago’s top-ranked programs, world-renowned faculty, as well as a vibrant and quickly expanding data science ecosystem, this program will allow postdoctoral scholars to engage in field-defining data science and artificial intelligence research. Our positions carry a competitive salary, generous research funding stipends, and benefits.

**Program Benefits:**
- **Joint Mentorship:** Scholars will receive joint mentorship from both a data science researcher and a domain expert. This mentorship will provide postdoctoral scholars with multiple perspectives on their research and career guidance. Mentors will provide ongoing evaluation and advice through regular meetings, as well as opportunities to promote the scholar’s accomplishments in public forums.
- **Unique Datasets:** Scholars will have privileged, unique access to large-scale datasets from a variety of sectors such as urban studies, marketing, medicine, science, security, and economics.
- **Cohort Program:** The program will host activities where scholars can connect with members of their cohort, share knowledge, and gain insight through guest lectures, industry speakers, and other activities. Scholars will have autonomy and budget to select, host, and invite speakers, with support from CDAC administrative staff.

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### Data Science and Applied AI Postdoctoral Scholars Program

<table>
<thead>
<tr>
<th><strong>Candidates:</strong></th>
<th>Applicants must hold a PhD in computer science, statistics, or a related field by the start date of the program</th>
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</thead>
<tbody>
<tr>
<td><strong>Informational Webinar:</strong></td>
<td>See CDAC website for details</td>
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<tr>
<td><strong>Application Deadline:</strong></td>
<td>Review of applications will begin on February 1, 2020 and will continue until all positions are filled.</td>
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<td><strong>Appointments:</strong></td>
<td>For up to three years, renewed annually</td>
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<tr>
<td><strong>Salary:</strong></td>
<td>$80,000/year with benefits. Travel and research stipend</td>
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<tr>
<td><strong>Apply Online:</strong></td>
<td><a href="http://example.com">UChicago Funding Portal</a></td>
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</tbody>
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The Center for Data and Computing at the University of Chicago seeks applications for Postdoctoral Scholars who wish to deepen their knowledge of cutting-edge data science and computing research while developing additional expertise in a specific, applied problem domain.
Outreach and Impact: Scholars will have considerable opportunities to establish new relationships and translate their research into real world impact by leveraging our network of academic, civic, government, and industry connections.

Academia/Industry Ready: Experience gained during the program will help scholars prepare for diverse career paths from tenure-track academic positions to leadership opportunities within innovative companies.

What you’ll do:

- **Independent Research (50%)**: Scholars will have the freedom to pursue their own research interests with up to 50% work on independent projects and no teaching responsibilities.

- **Interdisciplinary Training & Collaboration (40%)**: To extend and deepen scientific, technical, and communication skills, scholars will gain broad exposure to domain research fields with collaborative work on cutting-edge research projects.

- **Professional Development (10%)**: Scholars will gain training and experience with: mentoring and outreach through our summer lab and clinic programs; communicating your research to a broad audience; engaging with the media and external stakeholders; and applying for and securing funding.

Evaluation Criteria:
Proposals will be reviewed by the CDAC Postdoctoral Committee using the following factors:

- **Research Potential**: Overall potential for research excellence, as demonstrated by the applicant’s research statement, goals and long-term career goals.

- **Academic Progress**: Academic progress to date, as evidenced by publications and endorsements from their faculty advisor or recommender.

- **Computational Background**: Strong computational skills and expertise. Successful applicants will hold a PhD in computer science, statistics or a related field by the start date of the scholarship.

- **Data Science Commitment**: Enthusiasm for interdisciplinary research that advances research innovation in the fields of data science or artificial intelligence.

Applications Should Include:

- Curriculum vitae;

- A one-paragraph summary of the candidate’s current research;

- Research statement that outlines research goals, potential projects of interest, and motivation for seeking a postdoctoral appointment at UChicago (maximum of 3 pages);

- 1-2 representative publications;

- Three letters of reference;

- Names of potential UChicago faculty mentors;

- (Optional) Applicants are encouraged to include a letter of collaboration from a UChicago faculty mentor who has agreed to mentor the applicant if the scholar is accepted into the program. Please use the following template for the letter:
  - “If Dr. [insert full name of applicant] is accepted as a Data Science and Applied AI Postdoctoral Scholar at the University of Chicago, it is my intent to act as a mentor on a project of mutual interest.”
The CDAC team will also be available to help identify potential faculty mentors if you move forward in the application process. Potential mentors and sample projects are available on the CDAC website.

Equal Employment Opportunity Statement:
We seek a diverse pool of applicants who wish to join an academic community that places the highest value on rigorous inquiry and encourages diverse perspectives, experiences, groups of individuals, and ideas to inform and stimulate intellectual challenge, engagement, and exchange. The University’s Statements on Diversity are at https://provost.uchicago.edu/statements-diversity.

The University of Chicago is an Affirmative Action/Equal Opportunity/Disabled/Veterans Employer and does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender identity, national or ethnic origin, age, status as an individual with a disability, protected veteran status, genetic information, or other protected classes under the law. For additional information please see the University’s Notice of Nondiscrimination.

Job seekers in need of a reasonable accommodation to complete the application process should call 773-702-1032 or email equalopportunity@uchicago.edu with their request.

Contact:
For questions about this application, please contact cdac@uchicago.edu.