

# Assistant Professor - Statistical Foundations of Data Science (HDSI)

Job #JPF03012

- HALICIOGLU DATA SCIENCE INST / EVCAA / UC San Diego

## APPLICATION WINDOW

**Open date:** November 24th, 2021

**Next review date:** Monday, Dec 27, 2021 at 11:59pm (Pacific Time)

Apply by this date to ensure full consideration by the committee.

**Final date:** Thursday, Nov 24, 2022 at 11:59pm (Pacific Time)

Applications will continue to be accepted until this date, but those received after the review date will only be considered if the position has not yet been filled.

## POSITION DESCRIPTION

The University of California, San Diego invites applications from outstanding candidates for a tenure-track faculty position for primary appointment at the Halicioğlu Data Science Institute. The appointment will be at the Assistant level. Successful appointees will have a track record of scientific accomplishments, excellence in teaching, a commitment to university service and a commitment to support diversity, equity and inclusion at the university. The University of California, San Diego is committed to academic excellence and diversity within the faculty, staff and student body.

Statistical Foundations of Data Science, Applied Statistics and Biostatistics:

Statistics (including Biostatistics) is the science of drawing inferences from data, thus forming a pillar of the emerging discipline of data science, together with Machine Learning. While both Statistics and Machine Learning are seeking optimal procedures for inference, e.g. prediction, the latter is more focused on algorithms and their computation/implementation, while the former is crucially entasked with quantifying the accuracy of such inference. Topics of current interest in Statistics include (but are not limited to): high-dimensional data, large-scale hypothesis testing, regularization and sparsity, functional data, causal inference, complex data, dependent data, selective inference, prediction intervals, quantification of statistical significance and statistical data visualization.

Successful applicants will be expected to teach graduate and undergraduate students in the Data Science major/minor degree programs offered by the Institute. In case of a partial joint appointment with another department, the teaching workload would include appropriate course work in the participating department. All candidates are expected to establish a vigorous program of high-quality federally funded research that focuses on innovations in one of the targeted search areas.

This position requires teaching of university student and a PhD or Advancement to Candidacy is required at time of application.

We also welcome candidates interested in a primarily teaching position under this search theme. If you are also interested in a career advancing as tenure-track teaching faculty, please consider also applying to <https://apol-recruit.ucsd.edu/JPF03011> (<https://apol-recruit.ucsd.edu/JPF03011>)

We understand that the COVID-19 pandemic may have had a substantial impact on academic productivity. In our academic hiring processes, we will be keeping this in mind as we consider achievement relative to opportunity. We encourage you to reflect on constraints on opportunity in your field that were caused by the events of the pandemic and where applicable, to discuss your achievements in this light.

## QUALIFICATIONS

**Basic qualifications** (required at time of application)

PhD or Advancement to Candidacy at time of application.

**Preferred qualifications**

We are looking for applicants with outstanding research credentials. Successful applicants are expected to lead a vigorous research program and will be required to teach university students. We are particularly seeking faculty passionate about working with graduate students and training the next generation of researchers.

HDSI is committed to building an excellent, diverse, and inclusive faculty, staff and student body. In addition to the highest standards of scholarship, teaching, and professional activity, successful candidates for this position will have potential or demonstrated contributions to a climate that supports equity, inclusion, and diversity.

**APPLICATION REQUIREMENTS****Document requirements**

- Curriculum Vitae - Your most recently updated C.V.
- Cover Letter (Optional)
- Statement of Research
- Statement of Teaching
- Statement of Contributions to Diversity - Applicants should summarize their past or potential contributions to diversity. See our Faculty Equity (<http://facultydiversity.ucsd.edu/recruitment/contributions-to-diversity.html>) site for more information.
- Misc / Additional (Optional)
- COVID-19 Impact Statement - We understand that the COVID-19 pandemic may have had a substantial impact on academic productivity. In our academic hiring processes, we will be keeping this in mind as we consider achievement relative to opportunity. We encourage you to reflect on constraints on opportunity in your field that were caused by the events of the pandemic and where applicable, to discuss your achievements in this light.  
(Optional)

**Reference requirements**

- 3-5 letters of reference required

**Apply link:** <https://apol-recruit.ucsd.edu/JPF03012> (<https://apol-recruit.ucsd.edu/JPF03012>)

**Help contact:** [bhewitt@ucsd.edu](mailto:bhewitt@ucsd.edu) (<mailto:bhewitt@ucsd.edu>)

**CAMPUS INFORMATION**

The University of California, San Diego is an Equal Opportunity/Affirmative Action Employer advancing inclusive excellence. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, covered veteran status, or other protected categories covered by the UC nondiscrimination policy.

As a condition of employment, you will be required to comply with the University of California SARS-CoV-2 (COVID-19) Vaccination Program Policy ([https://urldefense.proofpoint.com/v2/url?u=https-3A\\_\\_policy.ucop.edu\\_doc\\_5000695\\_SARS-2DCoV-2D2-5FCovid-2D19&d=DwMFAg&c=-35OiAkTchMrZONGvJPOeA&r=1p1nm8oXgrOSQJxpyYfrXMGHr6J-ypOFoP1GKhgxl0&m=qhl8BcUTOWmd2jWDIXuc2XjxPABC4ZVnIN69zNDdFRQ&s=rX3pS2swVYTSmC79uUmBjYUZrZa6ed0uN24HWzAIVzM&e=](https://urldefense.proofpoint.com/v2/url?u=https-3A__policy.ucop.edu_doc_5000695_SARS-2DCoV-2D2-5FCovid-2D19&d=DwMFAg&c=-35OiAkTchMrZONGvJPOeA&r=1p1nm8oXgrOSQJxpyYfrXMGHr6J-ypOFoP1GKhgxl0&m=qhl8BcUTOWmd2jWDIXuc2XjxPABC4ZVnIN69zNDdFRQ&s=rX3pS2swVYTSmC79uUmBjYUZrZa6ed0uN24HWzAIVzM&e=)). All Covered Individuals under the policy must provide proof of Full Vaccination or, if applicable, submit a request for Exception (based on Medical Exemption, Disability, and/or Religious Objection) or Deferral (based on pregnancy) no later than the applicable deadline. For new University of California employees, the applicable deadline is eight weeks after their first date of employment.

The University of California prohibits smoking and tobacco (<https://smokefree.ucsd.edu/>) use at all University controlled properties.

The UC San Diego Annual Security & Fire Safety Report is available online at: <https://www.police.ucsd.edu/docs/annualclery.pdf> (<https://www.police.ucsd.edu/docs/annualclery.pdf>). This report provides crime and fire statistics, as well as institutional policy statement & procedures. Contact the UC San Diego Police Department at (858) 534-4361 if you want to obtain paper copies of this report.

**JOB LOCATION**

San Diego