

**FOUNDING DIRECTOR – DATA SCIENCES INITIATIVE
UNIVERSITY OF CALIFORNIA, DAVIS CAMPUS**

General Responsibilities

The Founding Director of the Data Sciences Initiative (DSI) will be a UC Davis faculty member who will provide leadership to define and implement the campus vision to bring together computer scientists, statisticians and domain expert faculty to work on frontier research and Big Data challenges. The goal of the DSI is to develop an intellectually stimulating environment that will nurture collaboration among scientists who tackle the challenges of Big Data, and develop a space for faculty across the campus to interact with these experts.

The Founding Director of the Data Sciences Initiative (FDDSI) reports operationally to the Provost & Executive Vice Chancellor via the University Librarian and is supported administratively by the University Librarian.

Operational Responsibilities

In collaboration with the Provost & Executive Vice Chancellor and University Librarian, the FDDSI will:

- Work in close partnership with the Data Science Initiative Implementation Committee (DSIIC), faculty and deans, to develop the initiative's mission and initial strategic plan;
- Identify infrastructure needs, including technology, space, and staffing, to achieve the goals of DSI as articulated in the DSI strategic plan;
- In collaboration with the University Librarian, Deans, and the DSIIC, develop a governance and initial funding model for the initiative consistent with the August 12, 2013 *Response To The Big Data Implementation Report* letter from Provost and Executive Vice Chancellor Hexter;
- Establish a research steering committee with expert membership from across campus;
- Identify current faculty and academic programs relevant to the goals of the initiative and form collaborative partnerships in furtherance of the DSI strategic plan;
- Define and develop a set of initial projects in collaboration with current faculty and researchers;
- Develop and implement a startup education/training program for existing UC Davis faculty, researchers and students;

The FDDSI is anticipated to be at least a 50% appointment for a minimum of two years (with the possibility of renewal), subject to discussion and negotiation based on the circumstances and other commitments of the preferred candidate.

Qualifications

The FDDSI will be a member of the UC Davis faculty with demonstrated interest and expertise in data science. Additional desired attributes of the Founding Director include:

- Research background in large-scale data management infrastructure and applications, high-performance computing/networks, and the techniques/technologies of data-intensive research (e.g., databases, machine learning, algorithms).
- Knowledge of the UC Davis faculty and research programs that are potentially synergistic with the initiative.
- Excellent management, organizational, planning, supervisory and problem-solving skills;
- Excellent oral and written communication skills;
- Demonstrated ability to achieve goals through promoting collaboration and teambuilding and working cooperatively with peers, employees, faculty, and with a diverse group of campus constituencies;
- An understanding and respect for cultural, ethnic, and individual differences and commitment to the [UC Davis Principles of Community](#).