LEADERSHIP STATEMENT

PRESIDENT

IRIS (Incorporated Research Institutions for Seismology)
The Iris Consortium

Founded in 1984 with support from the National Science Foundation, IRIS is a consortium of over 100 US universities dedicated to advancing research and education in seismology to understand our dynamic planet and to benefit society. IRIS programs contribute to new discoveries within our planet, natural hazard mitigation, national security, environmental monitoring, advances in computation, networking, and communications, and building a scientifically and technologically proficient workforce.

As part of its portfolio, the IRIS consortium, in partnership with its member institutions and the scientific community, manages and operates comprehensive, high quality geophysical facilities that enable exciting discoveries in seismology and Earth sciences.

IRIS membership comprises virtually all US universities with research programs in seismology, and includes a growing number of Educational Affiliates, US Affiliates, and Foreign Affiliates.

IRIS is governed by a Board of Directors and receives additional advice on managing its operations from several standing committees. The IRIS President serves as the CEO of the corporation. IRIS management is headquartered in Washington, DC. IRIS facilities are distributed nationally and internationally and operated in cooperation with the U.S. Geological Survey and other partner organizations and institutions. IRIS is a 501 (c) (3) nonprofit organization incorporated in the state of Delaware and manages an annual budget of over $30 million with support from the National Science Foundation, other federal agencies, universities, and private foundations. The consortium employs roughly 60 full-time professional staff.

**IRIS Mission Statement**

The mission of the IRIS Consortium, its members, and affiliates is to:

- Facilitate and conduct geophysical investigations of seismic sources and Earth properties using seismic and other geophysical methods.

- Promote exchange of geophysical data and knowledge, through use of standards for network operations, data formats, and exchange protocols, and through pursuing policies of free and unrestricted data access.

- Foster cooperation among IRIS members, affiliates, and other organizations in order to advance geophysical research and convey benefits from geophysical progress to all of humanity.
IRIS activities and resources include 8 primary components:

- **The Global Seismographic Network (GSN)**
  IRIS oversees and maintains the GSN, a 150+ station, globally distributed, state-of-the-art digital seismic network providing free, real-time, open-access data through the IRIS DMS.

- **Portable Seismology**
  The IRIS Program for Array Seismic Studies of the Continental Lithosphere (PASSCAL) and EarthScope USAArray Instrument Center in New Mexico support seismological research into Earth’s fundamental geological structure and processes. The facility provides instruments for experiments globally.

- **The EarthScope USAArray (Transportable Array & the Magnetotelluric Array)**
  IRIS oversees and manages both The Transportable Array (TA) and the Magnetotellurics (MT) component of EarthScope’s USAArray. The TA is a network of 400 high-quality broadband seismographs that are placed in temporary sites across the conterminous United States from west to east & Alaska. The MT component of EarthScope’s USAArray consists of 7 permanent stations and 20 portable elements that measure naturally occurring electric and magnetic fields.

- **The Data Management System (DMS)**
  The IRIS Data Management System is one of the largest scientific archives of globally distributed observational data in the world, with data from over 150 seismic networks operated by US agencies and partner organizations worldwide. The Data Management System provides a growing variety of web services and ensures the smooth flow of data from stations in the GSN, PASSCAL, FDSN, EarthScope, and other programs to the seismological research community.

- **International Development Seismology (IDS)**
  Through IRIS coordination, IDS works on developing and engaging international partners who can lead and support the global societal impact of seismology particularly in developing countries or regions.

- **Polar Support Services**
  Polar Support Services provides polar-specific engineering support for experiments in Antarctica and the Arctic, maintains and updates a specialized pool of cold-rated equipment and supports field operations in the high-latitude, cold regions of the Earth.

- **Ocean Bottom Seismograph Instrument Pool Management**
  The Ocean Bottom Seismograph Instrument Pool provides ocean bottom seismometers to support research and further our understanding of marine geology, seismology and geodynamics.

- **Education and Public Outreach**
  The Education and Public Outreach program is committed to advancing awareness and understanding of seismology and geophysics while inspiring careers in Earth science, with products for all ages.
The Opportunity

The President of IRIS represents the passion of its member seismologists and has the opportunity for transformational impact on Earth science research and education. We seek an energetic, creative, visionary individual to provide leadership at IRIS to explore new fields and push new limits in seismological and Earth science research.

The next President will oversee the execution of activities under a new 5-year, approximately $125 million award from the NSF beginning in Fall 2013 and supporting the operation of Seismological Facilities for the Advancement of Geoscience and EarthScope (SAGE). The next president will also guide and oversee the formation of IRIS’ strategy and proposal for the 2018 re-competition of the SAGE award.

To be successful, the next President will align IRIS activities, resources, and infrastructure to address Seismological Grand Challenges articulated in a long-range community science plan. These include understanding the internal dynamics of our planet, faulting and deformation, and interactions between climate, hydrology, surface processes, and tectonics. The President will also continue to seek opportunities for advancing seismology in the oceans, the cryosphere, and other realms where meaningful scientific impacts can be achieved.

The consortium has significant momentum. Building upon their initial charge of operating core facilities, IRIS has evolved and grown to undertake a broader array of activities in order to advance its goals. The next President will be instrumental in continuing this progress, and will have the opportunity to develop and guide IRIS’ strategic initiatives, and, with input from the community, assist in defining how IRIS will continue to enable new and ground-breaking discoveries. Approaches include seeking new ways to develop connections to other fields in geosciences and to international partners and initiatives that complement IRIS. The President will work with the Board to develop new funding sources, balancing those resources with the expansion of IRIS activities to fulfill its mission. IRIS and its President have been at the vanguard of efforts to promote open global data access and exchange, efforts that have facilitated and significantly advanced Earth science research and education nationally and internationally. Continued strong advocacy for open data access and exchange and international leadership are essential.
CANDIDATE PROFILE

The President will be responsible for leadership, direction, and overall management of the organization and its resources. The President will work with the Board of Directors toward the achievement of the organization’s mission, strategy and its goals and objectives. The President will also set standards and expectations for senior management and other key positions.

RESPONSIBILITIES

Consortium Responsibilities
- Interacts with and facilitates the operation of all levels of Consortium governance
- Promotes the Consortium’s activities with member institutions, other organizations, and the public
- Represents the Consortium in interactions with national and international organizations
- Facilitates the Consortium’s interactions with current and potential sponsor agencies
- Represents the Consortium in program reviews required by sponsors

Facilities Management
- Oversees program and project management of supported facilities
- Tracks the status and health of all program activities and is responsive to Standing Committee interactions with the Board
- Oversees reporting of facility operations to NSF
- Oversees cooperative agreement with Federal Agencies and contracts and agreements with various funding sources and subrecipient organizations

Corporate Responsibilities:
- Holds position as Chief Executive Officer of the corporation and reports to the IRIS Board of Directors
- Acts as primary organizational liaison with the Board of Directors and advises the Board on the financial and management health of the organization
- Directs the organization in implementation of the Board designated programs and initiatives
- Oversees the activities of IRIS staff
- Holds or designates signature authority for all contractual and fiscal transactions of the corporation
- Holds or designates Principal Investigator authority on all grants and awards on behalf of the Consortium
- Approves organizational policies and procedures
- Ensures adherence to federal regulations and policies
- Ensures fulfillment of award reporting requirements
- Approves HR actions, including benefit allocations, salary increases and hiring, promotion and dismissal of employees
QUALIFICATIONS

Knowledge, Skill and Ability

• Ability to communicate effectively with federal agency leadership, sponsors, scientists, technical staff and the general public
• Determined, self-motivated, organized, and energetic with a keen interest in learning and able to develop a vision.
• Capable of working independently and within a consortium governance structure
• Prior supervisory and management experience
• Ability to motivate staff and others to accomplish goals and objectives
• Willingness to travel, both nationally and internationally
• Knowledge of the academic research community
• Ability to identify diverse funding sources
• Understanding of federal funding structures and requirements
• Excellent writing and presentation skills

Educational/Experience Requirements:
The minimum level of education and experience for this position includes:

• PhD in Earth Science, or equivalent professional experience.
• Experience leading complex research or facilities programs in academia, related government agencies or industry
• Management experience
• Experience with administration of federal awards

APPLICATION AND NOMINATION PROCESS

While applications and nominations will be accepted until a new President is selected, interested parties are encouraged to submit their resume and cover letter to the address below by November 1st, 2013 to assure optimal consideration. Nominations and applications should be sent to the email/mailing addresses below:

IRIS President Search
R. William Funk & Associates
100 Highland Park Village, Suite 200
Dallas, Texas 75205
Email: krisha.creal@rwilliamfunk.com
Fax: 214/295-3312

~IRIS is an affirmative action/equal employment opportunity employer~