Bowdoin College invites applications for a full-time Statistical Consultant. Reporting to the Director of Academic Technology & Consulting, the Statistical Consultant is responsible for providing statistical and methodological consulting particularly, but not exclusively, in support of the College’s Digital and Computational Studies (DCS) initiative.

Bowdoin’s Digital and Computational Studies program (http://www.bowdoin.edu/digital-computational-studies) is focused on integrating new technologies and forms of creative expression and knowledge production into teaching and scholarship. The Statistical Consultant will serve as a resource for faculty and as a catalyst for broadening interest in incorporating computational methods into the curriculum.

Working across disciplines, and collaboratively with DCS colleagues and staff from the Library, Academic Technology, Quantitative Reasoning, and IT, the Statistical Consultant will support DCS-sponsored courses and the College’s thriving Digital Humanities course cluster, and will provide instructional and research support to faculty more generally.

Position Responsibilities:

- Collaborate with faculty to develop and support the statistical component of DCS courses.
- Develop instructional materials for independent and/or classroom use.
- Provide general and advanced training and consulting in statistical analysis and computing techniques to faculty.
- Assist faculty and students in identifying appropriate software to run statistical analyses and integrating statistical and other analytical techniques into their research.
- Test and adapt statistical software, develop documentation, and assist in writing statistical procedures to support teaching and scholarship.
- Conduct faculty outreach, including instructional workshops and other training on basic and advanced statistical techniques.
- Actively keep abreast of current and emerging statistical computing methodologies and their application in a higher-education environment.

Education/Skills:

Required:
- Bachelor’s degree
- Sound knowledge of theoretical statistics and experience in their application
- Familiarity with research methodology in at least two of the three academic divisions (the humanities, social sciences, and natural sciences)
- Proficiency in statistical computing utilizing R and statistics packages such as SPSS and STATA
- A demonstrated commitment to integrating digital and computational methodologies into teaching and scholarship
- The ability to communicate technical information in an understandable way to a diverse clientele
- Demonstrated excellent organizational and time-management skills
- Demonstrated ability to work successfully both independently and collaboratively, and to build strong relationships across organizational boundaries

Preferred:
- Master’s or Doctorate degree strongly preferred
- Knowledge of research methodologies in digital humanities
- Demonstrated understanding of traditional and emerging pedagogical methods
- Programming proficiency in Python, Java, PHP or another language of website architecture
Experience Requirements/Equivalents:

Required:
• A minimum of 3 years of applied experience working with a variety of statistical software applications; at least 1 year supporting teaching and research in a higher education or research environment
• Technical capacity in computational analysis and modeling and interest in learning new applications
• Demonstrated success with outreach to faculty and experience developing training materials and leading workshops
Preferred:
• Teaching experience at the college level
• Expertise with a variety of analytical tools and methodologies including geospatial analysis, social network analysis, and automated information extraction
• A record of active professional participation
• Demonstrated project management skills

Applications:

The position is available January 2016.

Further details and instructions to apply can be found on our online application: http://careers.bowdoin.edu/postings/2590

For questions, please contact careers@bowdoin.edu.

Bowdoin College is committed to equality and is an equal opportunity employer. We encourage inquiries from candidates who will enrich and contribute to the cultural and ethnic diversity of our College. Bowdoin College does not discriminate on the basis of age, race, creed, color, religion, marital status, gender, sexual orientation, veteran status, national origin, or disability status in employment, or in our education programs.