The University of Wisconsin - Madison is seeking outstanding candidates for a faculty position in molecular biometry, preferably at an early career level. Exceptional senior candidates will be considered. Candidates trained in mathematics, statistics, computational biology, or related fields, whose research responds to challenges from molecular and cell biology are urged to apply. We are particularly interested in mathematical modelling of regulatory and metabolic pathways and/or genome annotation. The new faculty will lead in building strong, new connections between the mathematical and biological sciences on the campus.

**Training and experience desired.** Candidates should be or have the potential to become leading researchers in at least one of the relevant areas of the mathematical or statistical sciences and have clearly demonstrated interests in applications in the biological sciences. Experience working in a collaborative, interdisciplinary environment is highly desirable.

**Research.** The new faculty will be expected to establish outstanding research programs developing models and methods of inference that exploit molecular information to guide understanding of biological systems and processes.

**Instruction.** The new faculty will teach one course per semester in the Department of Mathematics, the Department of Statistics, or if appropriate, in one of the biological science departments. They will be expected to play a leadership role in developing a new mathematical sciences curriculum for students in the biological sciences at both the graduate and undergraduate levels.

**Consulting and collaboration.** The new faculty will work with the existing consulting programs in biometry and biostatistics to support biological researchers in addressing problems in mathematical modeling, statistical inference and related computational areas. The exact nature of the consulting responsibilities will depend on the background and interests of the individual researcher. A significant portion of the research effort of the new faculty will be in active collaboration with biological scientists.

**Appointments.** Appointments are expected to carry instructional responsibilities in the Department of Mathematics and/or Statistics and consulting and collaborative research responsibilities in some area of the biological sciences. Alternative arrangements are possible, depending on the background and interests of the candidate.

**Application procedures.** Apply online by visiting [http://select.doit.wisc.edu/molbiom](http://select.doit.wisc.edu/molbiom). At least one of the three letters of recommendation should address the applicant's effectiveness as a teacher. We will begin reviewing applications immediately. Application materials should be submitted by December 16, 2004, to ensure full consideration.

**Additional information:** See our web page, [http://www.stat.wisc.edu/~yandell/molbiom](http://www.stat.wisc.edu/~yandell/molbiom). Questions and requests for further information should be sent to byandell@wisc.edu.

*The University of Wisconsin is an equal opportunity affirmative action employer; applications from qualified women and minority candidates are encouraged. Unless confidentiality is requested in writing, information regarding the identity of the applicant must be released on request. Finalists cannot be guaranteed confidentiality.*