Table 1: Activities and Responsibilities

Computing Professional (e.g., developer, programmer)	**User (e.g., molecular biologist, pharmaceutical company)**	**Public (e.g., ethicist, patient)**
Reconcile conflicting, disparate data sources and formats Develop user interfaces, e.g., Web based Model multi-user, client-server collaborative settings Information assurance Standardization Implement data analysis tools and search techniques Testing and validation in data integration and management	Decipher human genome Data input and analysis Interpretation and validation Application of domain knowledge Knowledge management Formulate intellectual property and patent policies Cataloging Data visualization	Genetic diagnosis Predictive testing Disease treatment and therapy Formulate genetic privacy policy Debate and develop framework for ethical, public, and social policy issues Consensus on legal and acceptable standards Ownership of genome Bioethics