

Chorlton High School. Past Event. Authentic Footballers Videos Sebastian. Coming soon! Did You get your article(s) published in Biology Compass? We want to share your article(s) with your colleagues! To share, please visit Biology Compass and click on the Articles tab. To add an article to your personal collection, simply click on the Add to Collection button. For more information on being published in Biology Compass, please visit our Publishing Information page. If you have any questions regarding submissions, Biology Compass, or articles in general, please contact [email protected] or visit the Contact Us page for more details. Data quality and integrity will always be paramount for any researcher and are essential for science. It is therefore critical to implement a methodology designed to minimise the risks associated with data integrity and quality. There are two main methods for ensuring the integrity of data: one focuses on the collection of the data at the time of entry; the other focuses on the validity of collected data. Data Entry Principles At the time of data entry, the key principle for ensuring data integrity is "information ownership". During data entry, the data collector should ensure that the data are recorded with his/her complete ownership. Upon completion of the data entry, the data collector should sign the forms and return them to the administrator for verification. This process is carried out once each time a batch of forms is taken to the ethics committee and it is intended to ensure that the data collector has absolute ownership of the data. The second data quality principal is "to not manipulate data once entered". Data collectors should not add information or change data in the database once the data have been entered. Any changes must be noted on the original form, signed and returned to the administrator. If the initial data collector is no longer present or is unwilling or unable to verify the accuracy of the data after verification, a new data collector must be hired to validate the data. Data Validation Principles The second major method for ensuring the data integrity of a project is to validate the data and ensure that data collectors are not adding, editing or removing information. The data collection administrator is responsible for verifying the data collection. Data collection administrators should train data collectors in good data collection practices. They can be given a checklist to validate that data collectors have not changed, added or removed data. The data collectors must be directed by the data collection administrator who is responsible for ensuring that they are not breaking any of the principles

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