



**SDSU**  
presents  
**MS Computer Science**  
**THESIS DEFENSE**

Tuesday,  
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1:00pm GMCS 418

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*HIV Testing Web Application*

## Abstract

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Currently, some HIV testing agencies still use paper forms to collect clients' HIV test information. The data collected from paper forms has to be manually input into a database. Afterwards, data can be analyzed and reports can be generated. This thesis project is developed to convert the data collection method from paper forms into a web application. The web application allows users to use the application as long as the users have computer access and internet connection. As for some of the areas where internet is not always available, the application can be setup as a local/intranet application. In this application, all of the questions and options are highly customizable, which means the application has the potential to be easily adopted by different HIV testing agencies. The application also supports multi-languages, so it can be used at foreign locations of these HIV agencies.

## Thesis Committee

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Roger Whitney, Thesis Chair, Department of Computer Science  
Carl Eckberg, Department of Computer Science  
Janet Bowers, Department of Mathematics & Statistics