NSDUH iLearning:
Multimedia Training Application for Field Staff

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Overview

- Introduction to NSDUH and iLearning
- iLearning Demonstration
- Viewing iLearning Results
- iLearning Feedback
- iLearning Advantages and Disadvantages
- The Future of iLearning
Background on the NSDUH

- National Survey on Drug Use and Health (NSDUH)
  - Conducted since 1988 by RTI International for the Substance Abuse and Mental Health Services Administration (SAMHSA)
  - Federal Government’s primary source of data on the use of alcohol, tobacco, and illicit substances
  - Screen approximately 180,000 sampled dwelling units and interview approximately 70,000 respondents annually
  - Train approximately 650 veteran field interviewers (FIs) and 200 new-to-project FIs each year at regional sites around the country
Why develop a new learning tool?

- Provide supplemental and refresher FI training throughout the year, even during periods of active data collection
- Enable rapid, on-demand deployment of high quality training programs
- Take full advantage of computer technology already in the hands of each FI
- Reduce costs and fatigue associated with in-person training
What is NSDUH iLearning?

- Multimedia training application developed by RTI survey and programming staff for NSDUH FIs
- Features audio, video, PowerPoint slides, complex graphics, and interactive assessment questions
- Courses disseminated to FIs on DVD/CD for use only on project-issued laptops
- Enables FIs to view standardized, high-quality training courses on a variety of project-specific topics at their own pace, in the comfort of their home
NSDUH iLearning Demonstration

- Home Page – iLearning Introduction Course
- Navigation
- Audio
- Video
- Interactive Graphics
- Hyperlinks
- Assessment Questions
## iLearning Results

### FI iLearning Results

<table>
<thead>
<tr>
<th>Year</th>
<th>Training Site</th>
<th>RD</th>
<th>RS</th>
<th>FS</th>
<th>Area</th>
<th>FI</th>
<th>Active?</th>
<th>Date Hired</th>
<th>Training1</th>
<th>Training2</th>
<th>Training3</th>
<th>iLearning Introduction</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006</td>
<td>Make-Up Session - North Carolina, Los Angeles - Session B, Cincinnati - Session B, Houston - Session B</td>
<td>All</td>
<td>All</td>
<td>All</td>
<td>All</td>
<td>All</td>
<td>Yes</td>
<td>Passed</td>
<td>Failed</td>
<td>Failed</td>
<td>Passed</td>
<td>Did Not Complete</td>
</tr>
</tbody>
</table>

There are 1 Records As of 2:00 AM 05/05/06

<table>
<thead>
<tr>
<th>Year</th>
<th>Training Site</th>
<th>RD</th>
<th>RS</th>
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<th>Area</th>
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<th>Training1</th>
<th>Training2</th>
<th>Training3</th>
<th>iLearning Introduction</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Los Angeles - Session A (01/04/2006)</td>
<td>DURHAM, J.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Passed</td>
<td>Failed</td>
<td>Passed</td>
<td>Passed</td>
<td>Passed</td>
</tr>
</tbody>
</table>

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iLearning Assessment Details

**iLearning Introduction**

FIID:

Date Completed: 01/05/2006

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**Score:** 0.67 Questions Answered Wrong: 1.0

### Incorrect Response Details for iLearning Introduction

<table>
<thead>
<tr>
<th>Qn. Num</th>
<th>Question Text</th>
<th>Incorrect Response</th>
<th>Incorrect Answer Text</th>
<th>Correct Answer Text</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>How do you play a video in iLearning?</td>
<td>2</td>
<td>Click on the screen name.</td>
<td>Click on the black box on the screen once.</td>
</tr>
</tbody>
</table>

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## Veteran FI Feedback

<table>
<thead>
<tr>
<th>iLearning Feedback Item</th>
<th>Strongly Agree or Agree</th>
<th>Neither Agree nor Disagree</th>
<th>Disagree or Strongly Disagree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screen text was easy to read</td>
<td>99.3%</td>
<td>0.16%</td>
<td>0.49%</td>
</tr>
<tr>
<td>Audio was clear &amp; easy to understand</td>
<td>96.1%</td>
<td>2.92%</td>
<td>0.97%</td>
</tr>
<tr>
<td>User-friendly</td>
<td>95.8%</td>
<td>2.76%</td>
<td>1.30%</td>
</tr>
<tr>
<td>Effectiveness</td>
<td>92.9%</td>
<td>6.48%</td>
<td>0.65%</td>
</tr>
</tbody>
</table>
iLearning Advantages

1. Significant reduction in training costs
2. FIs absorb material at their own pace
3. Refresher or remedial training available at any time
4. More interactive and engaging than lecture in a traditional training setting
5. Allow for more interactive/discussion-based activity at in-person training
6. Shortened classroom training time reduces fatigue
If courses completed prior to New-to-Project FI Training:

1. Demonstrates FI commitment level and understanding of project protocols

2. Encourages retention of stronger FIs while identifying weaker staff

3. Provides a more complete understanding of the FI job prior to training
iLearning Disadvantages

1. Potential negative impact on team building and morale

2. FI completion and comprehension of each screen unknown

3. Field Supervisor distraction from other field management responsibilities
If courses are completed prior to New-to-Project FI Training:

1. Potentially dissuade strong FI candidates who have little to no technical experience

2. Slight risk exists of theft or damage to laptops

3. Impact on data quality, field costs, prevalence rates, and/or response rates cannot be predicted.
   – However, selected topics include basic FI responsibilities and procedures to minimize any such impact.
The Future of iLearning

- Pre- and Post- NTP FI Training
- Veteran FI Supplemental, Refresher, and Remedial Training
- Bilingual FI Training
- Telephone Interviewer Training
- Field Supervisor Training
- Web-based iLearning
- Personalized Learning
- More interactive training tools
Questions

- Questions?
- Slide Presentation:  [www.rti.org/ifdtc](http://www.rti.org/ifdtc)
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  - Phone: 919-541-6828