Students Learning with Communities: All of these projects were undertaken in collaboration with community partners and supervised by academic staff members

2011

Report on Work Placement Experience with the Organisation of Quality and Safety of Healthcare in Ireland

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Work Placement in ISQSH

• Quality and Safety of Health Care in Ireland
• Contacts with a number of national and international partners including the European and International Societies for Quality in Healthcare
• CEO: Hilary Dunne, Office Manager: Grace McNally
• Fulltime, Blanchardstown, 9am to 5pm, Formal business atmosphere.
Starting off

- Met new staff members
- Introduced to SPSS computer software
- Viewed previous accomplishments of ISQSH
- Worked on Previous Survey 2004 using SPSS and Excel
The Survey

- 2010 Contains up to 150 Questions to analyse, Respondents: 5092
- UK NHS, French, American, All Europe Surveys
- A variety of techniques for Questions
- Staff call people to return, Send in Via Post, inputted to SPSS
Hilary asked for 10 hypothesis to analyse
Selecting something I found important
My Role: Ask Right Question, Formulate, Calculate, Present.
SPSS, Excel, Wolfram Alpha.
Presented it in MS Word.
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</table>
Working pt. 1

- Waiting times – Poor, Could Analyse
- Standard Analyse
- Demographics, Satisfaction, Timeline, Location etc...
- Likert Scale analysis
- General Value assignment – Cautious
Working pt.2

- Researching – NHS, WHO – New
- Communicating with different Staff members
- Represent ISQSH
- Update Website – Facebook, Feedback
- Data Cleaning Stages
- Different Experience compared to College
- 15% Technique, 85% People
Waiting time Reports

- 3 waiting time questions
- Mean = $\frac{\Sigma (fX)}{\Sigma f}$
- Median = $L + w \frac{(N/2 - CF)}{f}$
- Geometric mean = $\text{antilog}\left(\frac{\Sigma (f\log x)}{\Sigma f}\right)$
- Linear Interpolation for sub intervals
- Polynomial Interpolation
CONTENT OF SLIDE CONFIDENTIAL

RESTRICTED BY ORGANISATION
Report Summary

- Admission Type – Difference
- Procedure, Location – Not fully conclusive
- Satisfaction – Strong – Question 3a
- Timeline – Rise in Times
- Hospital Type: Private, Public
Finishing up

- Data Set available to me
- Writing Program with C++
- Reports Available and to be Reviewed – Over 100 pages
- Insight into Business Life
- In Contact with ISQSH continuously
- Wish them the Best
Question Time