



RUTGERS

Creating Clinical Surveys for Students to Provide Feedback on Clinical Faculty & Sites





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Rutgers University



- Large, public, research university in New Jersey
- 2 registration systems
- 4 campuses, 3 locations
- 2 Nursing Programs
- 3 LMSs




Clinical Surveys in Old System

- Surveys run in Sakai
- Students would receive multiple surveys for one clinical course
 - Didactic portion - faculty and course questions
 - Clinical faculty - type in name of instructor
 - Clinical sites - 3 surveys, student types in the location they went to

Developing Clinical Surveys in Blue



Questionnaire




Instructor Questions	<ul style="list-style-type: none">- [C\$FN] [C\$LN] demonstrates clinical expertise when teaching students
Clinical Site Questions	<ul style="list-style-type: none">- Opportunities for students to practice nursing skills and apply concepts and theories were available- Nursing staff were positive role models for students
Simulation Lab Questions	<ul style="list-style-type: none">- Adequate clinical laboratory supplies and equipment

Questionnaire


- Students in each course section may not go to the same clinical site
- Some sections are randomly mixed so they may have a different clinical instructor than indicated in SIS
- **SOLUTION:** All clinical surveys have secondary subject selection on to select instructor and clinical site(s) -- clinical sites need to be added to instructor datasource

Questionnaire



Instructor Questions	<ul style="list-style-type: none">- [C\$FN] [C\$LN] demonstrates clinical expertise when teaching students	Instructor level
Clinical Site Questions	<ul style="list-style-type: none">- Opportunities for students to practice nursing skills and apply concepts and theories were available	Instructor level
Simulation Lab Questions	<ul style="list-style-type: none">- Adequate clinical laboratory supplies and equipment	Course level

Consider Reports First

- 
- Clinical faculty will need to receive a report with instructor questions and lab questions
 - Requested instructor to see clinical site questions but did not find a way to do this
 - Schools want to break down results by clinical site, but also the unit at that clinical site (pediatrics vs oncology etc)


Designing the Blue Project

- The clinical surveys are different than standard course evaluations
 - Questions
 - Secondary selection
 - No QP or SVM for instructors
- A second project was created specifically for the clinical surveys



Course Datasource

- Added a field “clinical” to push the survey into the correct project
- Null when courses are loaded and selected in DIG

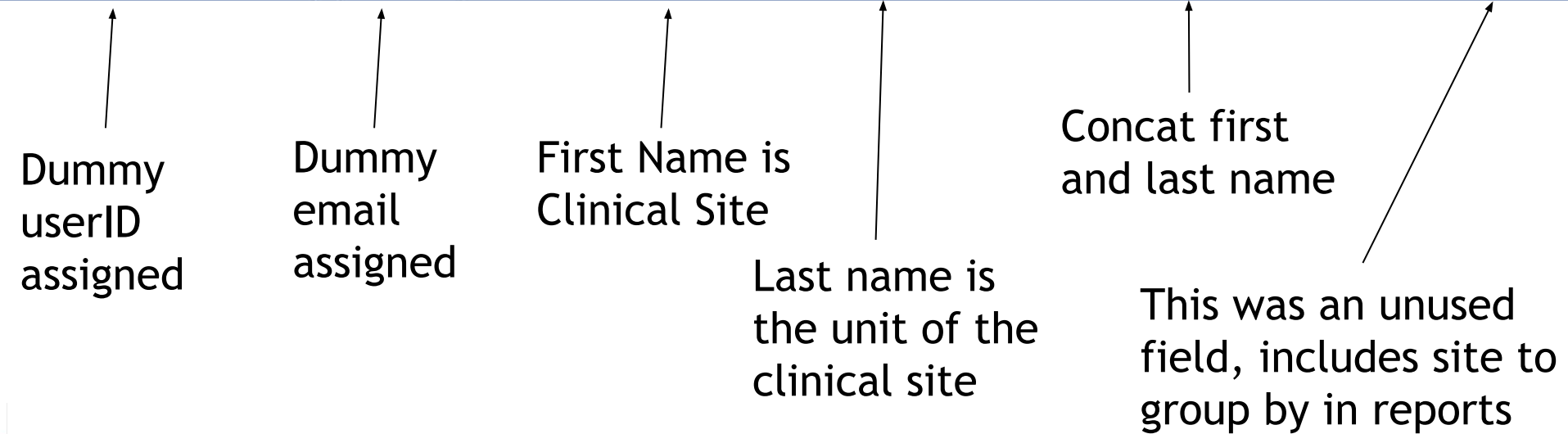


Clinical	Report_Access_Date
	2020-08-18 14:00:00



Instructor Datasource

NETID	EMAIL_ADDR	NAME_FIRST	NAME_LAST	BLU	UNIQUENAME	TERM
N.NURS.SITE4	sirs-noreply@docs.rutgers.edu	Overlook MC	OB	23	Overlook MC OB	Overlook MC
N.NURS.SITE5	sirs-noreply@docs.rutgers.edu	RWJUH	OB	23	RWJUH OB	RWJUH
N.NURS.SITE8	sirs-noreply@docs.rutgers.edu	RWJUH	PEDS	23	RWJUH PEDS	RWJUH



Instructor-Course Rel Datasource

UNIQUEID	NETID	YEAR	TERM	MODE_DESC
20199_21034	NURS.SITE51			Clinical Agency
20199_21035	NURS.SITE13			Clinical Agency
20199_21036	NURS.SITE50			Clinical Agency
20199_21037	NURS.SITE60			Clinical Agency
20199_21038	NURS.SITE101			Clinical Agency

Course ID

Clinical sites dummy
secondary subject IDs

Mode defined as 'Clinical
Agency' to trigger correct
instructor questions



Datasource Changes in DIG

- Once instructor datasource loaded started adding clinical sites to courses using DIG

Search for clinical site by name or userID

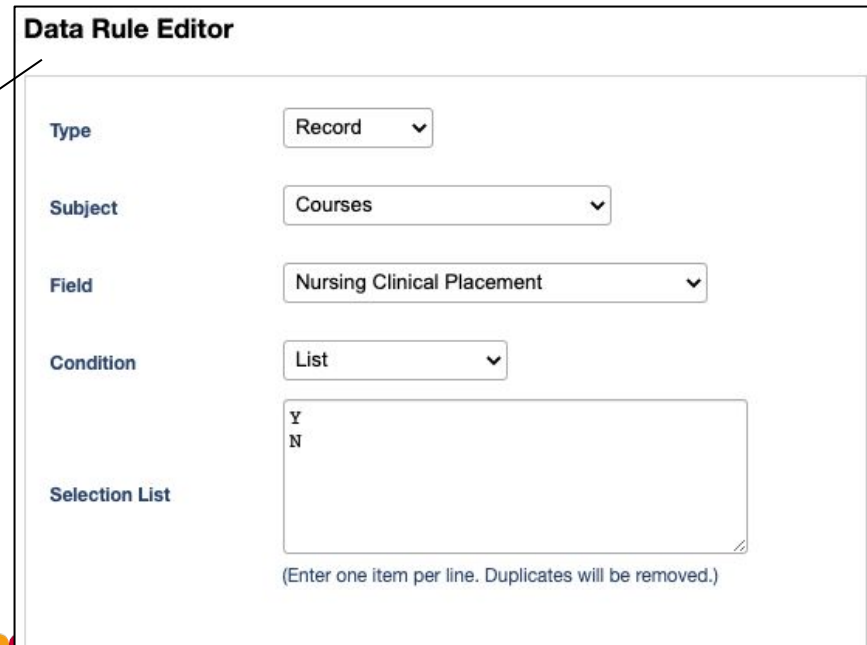
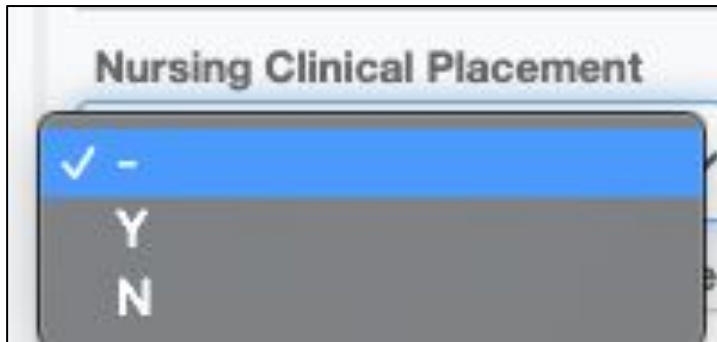
Need to select “Clinical Agency” to push correct questions

● Valid

User ID	N.NURS.SITE10
First Name	University Hospital
Last Name	PEDS
Email	sirs-noreply@docs.rutgers.
Last, First - NetID	University Hospital PEDS
TITLE_DESCR	
Hiring Unit	
TENURE_STATUS_DESC	
GROUPING	
+MODE_DESC	

DIG Project

- Also need admins to select which subjects should have clinical surveys
- Add a data rule in DIG



The image shows a screenshot of the "Data Rule Editor" interface. It contains several configuration options:

- Type:** Record (dropdown menu)
- Subject:** Courses (dropdown menu)
- Field:** Nursing Clinical Placement (dropdown menu)
- Condition:** List (dropdown menu)
- Selection List:** A text area containing "Y" and "N" on separate lines. Below the text area is the instruction: "(Enter one item per line. Duplicates will be removed.)"

Blue Project Filters

General Organizational Links Group Shared Group **Subject Filter**

Group Filter

Subject Filter (Courses)

Select Subject Source Courses Add Filter Courses Date () And

Results: 1 - 9 of 9 Item(s)

	Filter Condition
<input checked="" type="radio"/>	Rutgers Courses.SIRS_Needed Contains Y
<input type="radio"/>	And
<input type="radio"/>	Rutgers Courses.Transformed Contains Y
<input type="radio"/>	And
<input type="radio"/>	Rutgers Courses.Clinical Contains Y

- Subject filters in Blue projects (clinical to let “clinical”= ‘Y’ in and in main project to keep clinical surveys out)



Blue Project Secondary Subject Selection

Current Question Type: Section Title

Display Mode

Secondary Subject Selection ▾

Section Heading

The list contains both faculty and clinical sites. Select all clinical faculty and corresponding sites for whom you wish to provide feedback (check all that apply).
<p>You will be asked to answer questions for each instructor/site you select.</p>
<p></p>

en



Question about Courses ▾

Displayed On Online Forms Only ▾

Hidden by Default (visible when trigger activated)

Mandatory Question

Number of Columns 2 ▾

Include Images With Subject Names

Select Image Field Instructors ▾ First Name ▾

Image Width 35 Image Height 40

Blue Project Secondary Subject Selection

- Include MODE_DESC options so list will be organized in this way for students otherwise no order

Secondary Subject Grouping

All secondary subjects are selectable by default. Add groupings to specify which subsets are available for selection, once groupings are created, all other secondary subjects will be preselected.

Group secondary subjects where the relationship demographic field is equal to

Item	Min	Max	
MODE_DESC is 'Clinical Agency'	<input type="text"/>	<input type="text"/>	<input type="button" value="Remove"/>
MODE_DESC is 'Lec'	<input type="text"/>	<input type="text"/>	<input type="button" value="Remove"/>
MODE_DESC is 'Instructor'	<input type="text"/>	<input type="text"/>	<input type="button" value="Remove"/>
MODE_DESC is 'Lab'	<input type="text"/>	<input type="text"/>	<input type="button" value="Remove"/>
MODE_DESC is 'All modes'	<input type="text"/>	<input type="text"/>	<input type="button" value="Remove"/>
MODE_DESC is 'Clinic'	<input type="text"/>	<input type="text"/>	<input type="button" value="Remove"/>

Hide pre-selected secondary subjects (section will be hidden when only pre-selected secondary subjects are available).

Note: If there are not enough secondary subjects to meet the minimum threshold, the minimum threshold will be ignored.

Blue Project Secondary Subject Selection

The list contains **both** faculty and clinical sites. Select all clinical faculty and corresponding sites for whom you wish to provide feedback (check all that apply).

You will be asked to answer questions for each instructor/site you select.

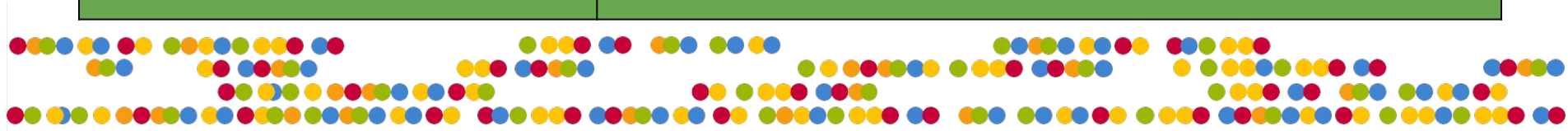
- | | |
|-------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| <input type="checkbox"/> Blackwood Snr Ctr Unspecified Unit (Clinical Agency) | <input type="checkbox"/> Housing Authority Unspecified Unit (Clinical Agency) |
| <input type="checkbox"/> Virtua Homecare Unspecified Unit (Clinical Agency) | <input type="checkbox"/> C.H. Schools Unspecified Unit (Clinical Agency) |
| <input type="checkbox"/> Deptford Schools Unspecified (Clinical Agency) | <input type="checkbox"/> Camden City School District Unspecified (Clinical Agency) |
| <input type="checkbox"/> Inspira-Life Unspecified Unit (Clinical Agency) | <input type="checkbox"/> Northgate Unspecified (Clinical Agency) |
| <input type="checkbox"/> TIPS Unspecified (Clinical Agency) | <input type="checkbox"/> Branches - (Clinical Agency) |
| <input type="checkbox"/> [REDACTED] (Instructor) | <input type="checkbox"/> [REDACTED] (Instructor) |
| <input type="checkbox"/> [REDACTED] (Instructor) | <input type="checkbox"/> [REDACTED] (Instructor) |
| <input type="checkbox"/> [REDACTED] (Instructor) | <input type="checkbox"/> [REDACTED] (Instructor) |
| <input type="checkbox"/> [REDACTED] (Instructor) | <input type="checkbox"/> [REDACTED] (Instructor) |
| <input type="checkbox"/> [REDACTED] (Instructor) | <input type="checkbox"/> [REDACTED] (Instructor) |
| <input type="checkbox"/> [REDACTED] (Instructor) | <input type="checkbox"/> [REDACTED] (Instructor) |



Blue Project Triggers

- Add triggers in clinical project to push appropriate questions to instructor vs clinical agency using relational demographics

Instructor Questions	'Mode_Desc' in rel file is not 'Clinical Agency'
Clinical Site Questions	'Mode_Desc' in rel file is 'Clinical Agency'



Blue Project Triggers: Clinical Instructor

Internal Triggers External Triggers

Trigger Creation

Trigger Creation

Trigger Name

Trigger Condition Type

Question Filter () And Or Not

Filter Conditions
Instructors.+MODE_DESC Does not contain Clinical Agency

Questions about [C\$FN] [C\$LN]

8	If this is not your instructor, please click this link and let us know	Section Title	No	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A
9	[C\$FN] [C\$LN] demonstrates clinical expertise when teaching students	Single Selection	No	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A
10	[C\$FN] [C\$LN] acts as a professional role model for students	Single Selection	No	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A



Blue Project Triggers: Clinical Site

Internal Triggers External Triggers

Trigger Creation

Trigger Creation

Trigger Name

Trigger Condition Type

Question Filter () And Or Not

Filter Conditions

Instructors.+MODE_DESC Contains Clinical Agency

22	Questions about Site: [C\$FN], Unit: [C\$LN]	Section Title	No	<input checked="" type="radio"/> Yes
23	The attitude of staff facilitated student learning.	Single Selection	No	<input checked="" type="radio"/> Yes
24	Nursing staff were positive role models for students	Single Selection	No	<input checked="" type="radio"/> Yes



Reports: Instructor

- Standard individual report that is distributed and breakdown by secondary subject
- Secondary subject filter to exclude +MODE_DESC of 'Clinical Agency'
- Includes simulation lab questions



Reports: Clinical Site

- Group by Instructors the datasource field which has the clinical site in it
- Each report includes a summary of all responses to all students who went to that site and then breaks down by the unit of each site (pediatrics etc)



Summary of Clinical Site Questions for Bifulco Hospital

The following summary table aggregates all responses for _____ for each of the questions.
Weight of responses: 1=N (Never), 2=R (Rarely), 3=S (Sometimes), 4=U (Usually), 5=A (Always), Resp=Number of Student Responses

	N	R	S	U	A	Resp	Mean
The attitude of staff facilitated student learning.	2	5	16	25	44	92	4.13
Nursing staff were positive role models for students	1	7	13	25	47	93	4.18
Opportunities for students to practice nursing skills and apply concepts and theories were available	3	8	14	25	44	94	4.05
The client/patient census was adequate for the achievement of student objectives	3	7	12	23	47	92	4.13
The clinical site was an appropriate placement advancing learning and achievement of course objectives.	2	7	8	21	55	93	4.29

Clinical Site Report: Summary Block

Suggestions and/or comments for Bifulco Hospital

The following word cloud and table is a thematic summary of all open-ended comments provided about Bifulco Hospital



Attributes [No. of comments]	Overall [43]
POSITIVE - GENERAL	48.84 %
KIND / PERSONABLE	18.60 %
HELPFUL / SUPPORTIVE	16.28 %
ENJOYABLE	11.63 %
KNOWLEDGEABLE	9.30 %
DISRESPECTFUL / RUDE	9.30 %



Created a virtual question with all clinical questions and then added spreadsheet block



Block Edit

Block Details

Block Title

Block Description

Top Horizontal Separator **Small Space** ▾

Hidden by Default (visible when trigger activated)

Minimum response threshold (This threshold is applied to the number of responses to the question as a whole, or to the number of responses for each demographic group when Cross Tabulating)

Message to display when threshold is not met

Question:

Display
 1st Scale 2nd Scale

First column label

First column CSS

Overall of breakdowns
 Single table layout
 Overall of questions

Please select items to display in the report

Item	Header	Mouseover Text	Sort Order	CSS	Hidden
<input type="checkbox"/> Frequency(1)	<input type="text" value="N"/>	<input type="text" value="Never (1)"/>	<input type="text" value=""/>	<input type="text" value="text-align: right;"/>	<input type="checkbox"/>
<input type="checkbox"/> Frequency(2)	<input type="text" value="R"/>	<input type="text" value="Rarely (2)"/>	<input type="text" value=""/>	<input type="text" value="text-align: right;"/>	<input type="checkbox"/>
<input type="checkbox"/> Frequency(3)	<input type="text" value="S"/>	<input type="text" value="Sometime (3)"/>	<input type="text" value=""/>	<input type="text" value="text-align: right;"/>	<input type="checkbox"/>
<input type="checkbox"/> Frequency(4)	<input type="text" value="U"/>	<input type="text" value="Usually (4)"/>	<input type="text" value=""/>	<input type="text" value="text-align: right;"/>	<input type="checkbox"/>
<input type="checkbox"/> Frequency(5)	<input type="text" value="A"/>	<input type="text" value="Always (5)"/>	<input type="text" value=""/>	<input type="text" value="text-align: right;"/>	<input type="checkbox"/>
<input type="checkbox"/> Response Count	<input type="text" value="Resp"/>	<input type="text" value="Response Count"/>	<input type="text" value=""/>	<input type="text" value="border-left: 0.5px solid #143546; text-align: center;"/>	<input type="checkbox"/>
<input type="checkbox"/> Mean	<input type="text" value="Mean"/>	<input type="text" value="Mean"/>	<input type="text" value=""/>	<input type="text" value="font-weight: bold; border-left: 2px solid red; border-right"/>	<input type="checkbox"/>

Item: Courses.Object ID: Format:

Clinical Site Report: Results by Unit

Results by Unit Bifulco Hospital

The following provides a breakdown of the results by the units within the clinical agency. These results include student responses to the Clinical Placement Questions and open-ended comments related to that unit.

Weight of responses: 1=N (Never), 2=R (Rarely), 3=S (Sometimes), 4=U (Usually), 5=A (Always), Resp=Number of Student Responses

Results for Psychiatric/Mental Health Unit

	N	R	S	U	A	Resp	Mean
The attitude of staff facilitated student learning.	0	0	0	1	5	6	4.83
Nursing staff were positive role models for students	0	0	0	1	5	6	4.83
Opportunities for students to practice nursing skills and apply concepts and theories were available	0	1	2	1	2	6	3.67
The client/patient census was adequate for the achievement of student objectives	0	1	2	1	2	6	3.67
The clinical site was an appropriate placement advancing learning and achievement of course objectives.	0	1	1	2	2	6	3.83

Suggestions and/or comments for Psychiatric/Mental Health:

Comments
Great environment with nurses and patients allowing us to communicate with the patients however usually there were not enough for each of us to use therapeutic communication effectively.
Psychiatric unit didn't always have enough patients for students to interact with them. When there weren't enough patients, it would've been nice to spend more time with the nurses and see how they provide their care.

Results for Pediatrics Unit

	N	R	S	U	A	Resp	Mean
The attitude of staff facilitated student learning.	0	0	0	1	3	4	4.75
Nursing staff were positive role models for students	0	0	0	1	3	4	4.75
Opportunities for students to practice nursing skills and apply concepts and theories were available	0	0	0	0	4	4	5.00
The client/patient census was adequate for the achievement of student objectives	0	0	0	0	4	4	5.00
The clinical site was an appropriate placement advancing learning and achievement of course objectives.	0	0	0	0	4	4	5.00



Reports: Clinical Site

Start: Breakdown by Section	Start: Breakdown Section	ID: 1F718B4D-E3AD-459A-8D83-AE880432099D
{Clinical Site Questions}	Single Selection Table	Spreadsheet
Suggestions and/or comments for [C\$FN] [C\$LN]:	Comments	
End: Breakdown by Section	End: Breakdown Section	

Block Title
Breakdown by Section

Block Description

Top Horizontal Separator Small Space ▾

Hidden by Default (visible when trigger activated)

Options Section Title Custom Text P

Breakdown by
Instructors.UserID

Insert Page Break between Sections


Text to display on the report(s)
Results for [C\$LN] Unit

Used a breakdown section to group results from individual units at a site

Recall: the userID was unique for each unit/site combination



Tips

- 
- Include admin QP if you turned on confidentiality settings to preview how the surveys appear for students
 - Check the subjects in the clinical project for admins in other units accidentally selecting 'Y' for 'Nursing Clinical' in DIG
 - Combine emails for students with main project

Lessons Learned

- Give yourself enough time to complete everything each semester
- Check in every semester with school about process changes
- Keep a running user file with all clinical placements
 - Sort in alphabetical order to find duplicates
- Check if the course needs a separate ‘didactic’ survey



Thank you for attending!

Creating Clinical Surveys for Students to Provide Feedback on Clinical Faculty & Sites

Presentation available at:

