Education and health partnership creating career-ready school students on Gold Coast

Dr Suzzanne Owen, Griffith Health Development Coordinator, Griffith University
Professor Ged Williams, Executive Director of Nursing & Midwifery, Gold Coast HHS
Adjunct Associate Professor Lyn Armit, Nursing Director, Education, Gold Coast HHS
Professor Nick Buys, Dean, Learning and Teaching, Griffith University.
Gold Coast Rapid Growth: Part 1
Robina Hospital: 200 -> 360 IP Beds
Gold Coast Rapid Growth: Part 2

GCUH: 480-> 750 IP Beds
Problem:
- Large projected demand for nursing workforce
- Expected high attrition from nursing workforce
- Anticipated nursing skill shortage – -: quantity and quality
Predicted Future Nursing Profile

2009
Beds - 745
Nursing FTE - 1786

Growth 2009 - 2016
432 or 58%
1564* or 88*%

2016
Beds - 1177
Nursing FTE- 3350*
Cause:
- Negative perceptions of nursing as a career choice by many parents, teachers and students in the secondary school sector.

- Attrition of baby boomers and others from the nursing workforce.

- Anticipated rapid growth and demand for health services and nursing workforce
Solution:

- Engagement, excitement and extending possibilities for secondary school students.

Partnership:
Queensland Health (Gold Coast)
Griffith University
Education Queensland
Go Griff Health:

2009 Pilots:
Seek interest from Year 10-11 students to participate in 2 Day Health Workshops

- Nursing (25% of program)
- Applied Anatomy, Physiology, Ex Sc.
- Med. Sc., Pharmacy, Public Health, Dental
Who would like to join our program?
<table>
<thead>
<tr>
<th>Time</th>
<th>Groups: White &amp; Yellow</th>
<th>Groups: Green &amp; Blue</th>
<th>Staff</th>
<th>Location</th>
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<tbody>
<tr>
<td>8:30 – 9:00 am</td>
<td>Registration</td>
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<td>• Suzzie Owen</td>
<td>G16_1.07</td>
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<td>• Melinda Johnston/Melanie Forsyth</td>
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<td>• Thelma Rupnarajan/Ryan Forster</td>
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<td>9:00 – 9:30 am</td>
<td>Welcome &amp; Safety Induction</td>
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<td>• Suzzie Owen/Scott Burnell</td>
<td>G16_1.07</td>
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<td>Current Students’ Paths to Uni</td>
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<td>• Sarah McIntyre/Clare Worland</td>
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<td>• Ebony Ormston</td>
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<td>9:30 – 9:40 am</td>
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<td>9:40 – 10:40 am</td>
<td>Medical Science (DNA prac) (Tech support: Tarita / Marc)</td>
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<td>Timekeepers: Caitlin Ryan (White), Abigail Num (Yellow), Zone Belet (Green), Brittany Freeman (Blue)</td>
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<td>A&amp;P (Tech support: Krystal / Daniela)</td>
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<td>10:40 – 11:00 am</td>
<td>Morning Tea</td>
<td>Morning Tea</td>
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<td>Students: G16_1.09 A/B</td>
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<td>Staff: G02 Next door to tea room</td>
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<td>11:00 – 12:00 pm</td>
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<td>12:00 – 12:30 pm</td>
<td>Lunch</td>
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<td>12:40 – 1:30 pm</td>
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<td>• Naomi Hanna</td>
<td>Infection Control G16_2.33A (Ward 3)</td>
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<td>Exercise Science</td>
<td>Exercise Science</td>
<td>• Amanda Koningham</td>
<td>Resuscitation G16_2.39B (Ward 4)</td>
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<td>• Ebony Ormston</td>
<td>Public Health: G02_1.26F/G</td>
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<td>• Alex Samuels</td>
<td>Ex Sci: G02_2.36/2.42</td>
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| 9:00 – 9:55 am | Pharmacy (Tech support: Todd) | Pharmacy (Tech support: Todd) | Pharmacy:  
Gary Grant  
Emily Foorde  
Suzzi Owen  
Dentistry & Oral Health:  
Nathaniel Davies  
Andrew Cameron  
Mahmoud Bakr | Pharmacy: G16_4.24  
Dentistry & Oral Health: G16_4.29 |
| 9:55 – 10:15 am | Morning tea | Morning tea | Timekeepers: Caitlin Ryan (White), Abigail Nunn (Yellow), Zane Betzel (Green), Brittany Freeman (Blue) | Students: G16_4.19A/B  
Staff: G16_Level 2 Next door to tea room |
| 10:15 – 11:10 am | Dentistry and Oral Health (Tech support: Jeremy / Peter) | Dentistry and Oral Health (Tech support: Todd) | Pharmacy:  
Gary Grant  
Emily Foorde  
Suzzi Owen  
Dentistry & Oral Health:  
Nathaniel Davies  
Andrew Cameron  
Mahmoud Bakr | Pharmacy: G16_4.24  
Dentistry & Oral Health: G16_4.29 |
| 11:10 – 11:40 am | Lunch | Lunch | Timekeepers: Caitlin Ryan (White), Abigail Nunn (Yellow), Zane Betzel (Green), Brittany Freeman (Blue) | Students: G16_Level 1 Outdoor area  
Staff: G02 Next door to tea room |
| 11:40 – 12:40 pm | Transition | Transition | Timekeepers: Caitlin Ryan (White), Abigail Nunn (Yellow), Zane Betzel (Green), Brittany Freeman (Blue) |
| 11:50 – 12:40 am | Public Health | Exercise Science | Nursing:  
Naomi Hanna  
Amanda Koningham  
Ebony Ormston  
Chez Baker  
Chez Baker  
Danielle Hager  
Ellen Rogers  
Rhiannon Beattie  
Exercise Science:  
Glenn Harrison  
Sarah MacNamee  
Luke Salmon | Nursing: Communication G16_2.38 (Ward 1/2)  
Infection Control G16_2.39A (Ward 3)  
Resuscitation G16_2.39B (Ward 4)  
Public Health: G02_1.26F/G  
Ex Sci: G02_2.36/2.42 |
| 12:40 – 12:50 pm | Transition | Transition | Timekeepers: Caitlin Ryan (White), Abigail Nunn (Yellow), Zane Betzel (Green), Brittany Freeman (Blue) |
| 12:50 – 1:40 pm | Exercise Science | Public Health | Nursing:  
Naomi Hanna  
Amanda Koningham  
Ebony Ormston  
Chez Baker  
Chez Baker  
Danielle Hager  
Ellen Rogers  
Rhiannon Beattie  
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Glenn Harrison  
Sarah MacNamee  
Luke Salmon | Nursing: Communication G16_2.38 (Ward 1/2)  
Infection Control G16_2.39A (Ward 3)  
Resuscitation G16_2.39B (Ward 4)  
Public Health: G02_1.26F/G  
Ex Sci: G02_2.36/2.42 |
| 1:40 – 1:50 pm | Transition | Transition | Timekeepers: Caitlin Ryan (White), Abigail Nunn (Yellow), Zane Betzel (Green), Brittany Freeman (Blue) |
| 1:50 – 2:30 pm | Surveys, certificates and prizes | Surveys, certificates and prizes | Suzzie Owen | G16_1.07 |
Safety

Respect

Griffith University
Results:

2009 Pilot:
Approximately 100 students participated

2010 Expansion:
Griff Health, Year 11-12 accredited subject to be delivered by Schools with 1 full subject credit at University.
Outcome:

- Of the 300 students enrolled in Nursing 2011 year, 17% were directly influenced by the contact throughout implementation of the programs and the outreach activities.

- 7 of the new nurses are mothers and 1 dad who came to a lecture and play date on “nursing for the world” given at a local school.

- Marketing and a solid response to health /science experience at the local and community level works.
Go Health registrations

- **Pilot**: 2009 June, 30
- **2009 Nov**: 127
- **2010 June/Nov**: 227
- **2011 June/Nov**: 274
- **Booked 2012**:
Outcome 2012:

Of 231 enrolments into Griffith Biology, Griffith Health and Griffith Exercise Science at YR11/12 Programs in schools 205 have enrolled into health programs:

- Nursing: 76 (including 11 Mature age)
- Medical / health science: 62
- Dentistry: 7
- Pharmacy: 12
- Psychology: 8
- Exercise science: 24
- Public Health: 12
- TAFE (nursing): 4...
- TOTAL: 205 (plus 11 mature age)
Other indicators:
- GCHHS Graduate Nurse first preference
  - 2011 - 150
  - 2012 - 250
  - 2013 - 397
- Experienced RN waiting list for work = 300+
Next Steps:
- Gumurrii Program
  Using the same principle of Go Griffith Health and tailoring for indigenous high school kids. Pilot commenced 2012.
- Logan (18), Gold Coast (40 – state wide)