### Academic Practice Partnerships
#### Partnership Expectation and Outcomes Metrics Worksheet
Rush University College of Nursing (RCON) and the Chicago Public School System (CPS)

<table>
<thead>
<tr>
<th>Partnership Goals</th>
<th>Activities</th>
<th>Outcomes</th>
<th>Comments/Sustainability/Impact</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Goal:</strong> Increase access to health care for CPS students and their children while providing opportunities for faculty practice, clinical learning, and scholarly activity.</td>
<td><strong>Direct care:</strong>&lt;br&gt;- Physical assessments of CPS students and their children (prenatal through age 20 years) by APNs&lt;br&gt;- Comprehensive risk assessments&lt;br&gt;- Mental health services&lt;br&gt;- Linkage to dental services&lt;br&gt;- Screening and linkage to vision services&lt;br&gt;- Reproductive health screening, education, and care&lt;br&gt;- Asthma care</td>
<td><strong>Practice</strong>&lt;br&gt;Unduplicated SBHC FY 15 Students Seen&lt;br&gt;CRANE MED PREP HS 376&lt;br&gt;ORR ACADEMY HS 468&lt;br&gt;SIMPSON ACADEMY HS 170&lt;br&gt;Grand Total 1014</td>
<td>In the past year, more than 40% of Chicago youth did not see a health care provider. Our efforts:&lt;br&gt;· Increased access to care for underserved youth&lt;br&gt;· Allowed for identification of risk factors affecting academics and life course - homelessness, family and environmental trauma, abuse and neglect, and lack of basic needs - through comprehensive risk assessment for each CPS student seen in the SBHCs.</td>
</tr>
<tr>
<td><strong>Healthy Chicago 2.0 Target Area:</strong> Access to health care</td>
<td><strong>MSN Capstones:</strong>&lt;br&gt;- Increase identification of asthmatics&lt;br&gt;- Increase identification of adolescent substance abuse&lt;br&gt;- Increase identification of sports-related injuries&lt;br&gt;- Increase freshman utilization of SBHC</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Rush Programs School Based Health Centers (SBHCs)</strong></td>
<td><strong>DNP Projects:</strong>&lt;br&gt;- Lean Six Sigma project to increase of total patient care visits by 14% from school year 13-14 to school year 14-15</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Practice Partner CPS schools:</strong>&lt;br&gt;• Crane Med Prep&lt;br&gt;• Simpson&lt;br&gt;• Orr</td>
<td><strong>Academic Presentations:</strong>&lt;br&gt;Podium: Integration of Mental Health Services into Primary Care in SBHCs at the Illinois EverThrive Maternal Child Health Conference, Chicago IL,</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Goal:</strong> Increase access to health care for CPS students and their children while providing opportunities for faculty practice, clinical learning, and scholarly activity.</td>
<td><strong>Direct care:</strong>&lt;br&gt;- Physical assessments of CPS students and their children (prenatal through age 20 years) by APNs&lt;br&gt;- Comprehensive risk assessments&lt;br&gt;- Mental health services&lt;br&gt;- Linkage to dental services&lt;br&gt;- Screening and linkage to vision services&lt;br&gt;- Reproductive health screening, education, and care&lt;br&gt;- Asthma care</td>
<td><strong>Practice</strong>&lt;br&gt;Unduplicated SBHC FY 15 Students Seen&lt;br&gt;CRANE MED PREP HS 376&lt;br&gt;ORR ACADEMY HS 468&lt;br&gt;SIMPSON ACADEMY HS 170&lt;br&gt;Grand Total 1014</td>
<td>In the past year, more than 40% of Chicago youth did not see a health care provider. Our efforts:&lt;br&gt;· Increased access to care for underserved youth&lt;br&gt;· Allowed for identification of risk factors affecting academics and life course - homelessness, family and environmental trauma, abuse and neglect, and lack of basic needs - through comprehensive risk assessment for each CPS student seen in the SBHCs.</td>
</tr>
<tr>
<td><strong>Healthy Chicago 2.0 Target Area:</strong> Access to health care</td>
<td><strong>MSN Capstones:</strong>&lt;br&gt;- Increase identification of asthmatics&lt;br&gt;- Increase identification of adolescent substance abuse&lt;br&gt;- Increase identification of sports-related injuries&lt;br&gt;- Increase freshman utilization of SBHC</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Rush Programs School Based Health Centers (SBHCs)</strong></td>
<td><strong>DNP Projects:</strong>&lt;br&gt;- Lean Six Sigma project to increase of total patient care visits by 14% from school year 13-14 to school year 14-15</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Practice Partner CPS schools:</strong>&lt;br&gt;• Crane Med Prep&lt;br&gt;• Simpson&lt;br&gt;• Orr</td>
<td><strong>Academic Presentations:</strong>&lt;br&gt;Podium: Integration of Mental Health Services into Primary Care in SBHCs at the Illinois EverThrive Maternal Child Health Conference, Chicago IL,</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| Improve workflow and clinic efficiency for accommodation of increased visits  
| - Integration of behavioral health into primary care services  
| - Behavioral health referral and linkage to care | April 2016  
<p>| Poster: Integration of Mental Health Services into Primary Care in SBHCs at the national School Based Health Alliance conference, Arlington VA, June 2016 | In FY15, Rush College of Nursing (CON) students completed 4147 hours of formal clinical training in the three School Based Health Centers (SBHC). This number represents ALL degree programs (MSN, DNP, Advanced Practice Nurse programs of FNP and PNP). | Centers. Crane, Orr and Simpson School Health Centers are consistently found to be in full compliance with Illinois Standards Title 77: Public Health, Chapter IV, Subchapter J: School-Based/Linked Health Centers. |</p>
<table>
<thead>
<tr>
<th>Partnership Goal</th>
<th>Activities</th>
<th>Outcomes</th>
<th>Comments/Sustainability/Impact</th>
</tr>
</thead>
</table>
| **Goal:** Improve pre- and postnatal health of CPS students and their children while providing opportunities for faculty practice, clinical learning, and scholarly activity. | **Activities:**  
- Prenatal care at Simpson; Prenatal and Parenting Care Coordination at all SBHCs  
- Dedicated care coordination program for parenting girls for contraceptive counseling and management  
- Initiation of Title X funded family planning services in May 2015 at the SBHC at Simpson which now allows for insertion of LARCs (Long-Acting Reversible Contraceptives) in the SBHC, the first SBHC in state of Illinois to be approved for this.  
**MSN Capstones:**  
- Peer-led teen pregnancy prevention  
- LARC education  
**DNP Projects:**  
- Evaluation of an educational program for pregnant and parenting students  
- Breastfeeding promotion for adolescents  
- Infant care education  
- Teen mother self-efficacy  
**Practice**  
Documented decrease in subsequent pregnancy rates for parenting teens:  
2011: **30%**  
2012: 3%  
2013: 8%  
2014: 6%  
2015: 6%  
2016: 6%  
**100% graduation rate at Simpson Academy for the past 5 years with higher than average enrollment rates in institutions of higher education.**  
**Academic**  
Podium presentation at **Illinois March of Dimes Perinatal Conference;** Supporting Success for Teen Mothers: Results in the Rush SBHC at Simpson Academy, March 2016  
Nationally, 50% of all pregnant and parenting teens drop out of high school. School administrators credit the innovative Simpson model of education for pregnant and parenting teens that encompasses academics, onsite healthcare and childcare, and wrap-around community services with these outstanding outcomes.  
Each year, teen childbearing in Illinois cost taxpayers at least $434 million. Prevention of teen pregnancy, and especially repeat teen pregnancy benefits teens, communities, and society as a whole.  
First official audit of new Title X/Family Planning services at the SBHC at Simpson revealed no major corrective action needs. Comments from nurse auditors were that it was the best first annual audit of an upstart they have ever done |  |  |
<table>
<thead>
<tr>
<th>Partnership Goal</th>
<th>Activities</th>
<th>Academic/Practice Outcomes</th>
<th>Comments/Sustainability/Impact</th>
</tr>
</thead>
</table>
| **Goal:** Improve the identification and control of asthma in CPS students while providing opportunities for faculty practice, clinical learning, and scholarly activity. | - In-school asthma self-care education groups  
- Provision of direct care  
- CPS teacher trainings on asthma identification  
- School-wide awareness events on asthma  
  
**MSN Capstones:**  
Three separate projects with focus on asthma care and treatment improvement  
**DNP Project** (evolved from MSN capstones)  
- Asthma care and treatment improvement | **Practice**  
- Increased identification of asthmatics by 196% from SY13-14 to SY14-15  
- Increased number of asthmatics receiving EBP care (flu shots, appropriate tx, spacers)  
  
**Academic**  
Poster presentation on Addressing Health Disparities in Vulnerable Youth through APN Care in SBHCs, DePaul University Health Disparities Conference, April 2015 (faculty and students)  
RUCON student participation in and training for Asthma Initiative in partnership with American Lung Association  
RUCON student evaluations reflect 100% satisfaction rate with academic and clinical training placements in SBHCs and CPS schools | Research shows that medical issues related to poorly controlled asthma result in missed school days and 911 calls from schools.  
Our efforts:  
- Increased the number of students identified with asthma so they can be evaluated and appropriately treated  
- Allowed for in-SBHC treatment of asthma exacerbations, keeping student in school and out of the emergency room  
Evaluation of longer term impact of like projects in other schools with SBHCs has demonstrated less missed school due to asthma or respiratory issues; next phase of project will be to track academics of CPS asthmatic students cared for in the Rush SBHCs. |
| **Healthy Chicago 2.0 Target Area:** Chronic Disease Prevention and Control     |                                                                                                                                                                                                           |                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |
| **Rush Programs**  
SBHCs                                                                 |                                                                                                                                                                                                           |                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |
| **Practice Partner**  
CPS Schools:  
- Crane Med Prep  
- Orr  
- Simpson                                                                 |                                                                                                                                                                                                           |                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |
<table>
<thead>
<tr>
<th>Partnership Goal</th>
<th>Activities</th>
<th>Outcomes</th>
<th>Comments/Sustainability/Impact</th>
</tr>
</thead>
</table>
| **Goal:** Increase the number of CPS students receiving comprehensive, medically accurate sexual health education and services while providing opportunities for faculty practice, clinical learning, and scholarly activity. | -Selected MSN students earn sex-ed certification and provide 8-week course to CPS students grades 5th - 12th.  
- All school-STI (Chlamydia and Gonorrhea) screening events at Simpson and Orr schools for all enrolled students  
- Ongoing access to STI/HIV screening in SBHCs | **Practice**  
Presentations - CPS has presented the district's sexual health model at the American Public Health Association (APHA) Conference (2015) and at the Illinois Maternal and Child Health Conference (2016).  
Since September 2014, CPS student knowledge have been measured through pre- and post-tests.  
- 19 out of 20 (95%) of CPS student groups have shown increased score on post-tests.  
- 31%: average percent increase of pre- and post-test scores for all classes taught | Based on the provided outcomes, provision of sexual health education as a MSN clinical experience has proven effective in meeting the needs of CPS and Rush CON. Rush CON faculty are committed to continuing provision of sexual health education at Mason Elementary and Lindblom Academy. Clinical rotations are scheduled for the 2016-17 school year and are anticipated in future academic years. Rush CON will continue to work with CPS to meet the emerging sexual health education needs of the district. |
| **Healthy Chicago 2.0 Target Area:** Infectious Disease Control and Prevention/Reproductive Health | **MSN Capstones**  
- Sexual health education (3 projects) | **Academic:**  
Presentations:Podium (Sexual health education): Association of Community Health Nurse |
| **Rush Programs:** Sexual Health Education by Rush MSN students SBHCs |  |  |  |
| **Practice Partner CPS Schools:**  
- Lindbloom  
- Crane Med Prep  
- Ellison  
- Simpson  
- Orr  
- Mason | | |  |
Educators Annual Institute in Denver, Colorado, June 2015 (faculty)
Podium (Sexual health education): Annual Meeting of the American Public Health Association in Chicago, IL, October, 2015 (faculty)
Podium (Sexual health education): Sigma Theta Tau International biennium in Las Vegas, Nevada. November 2015. (faculty and students)
Podium (All-school STI screening): Implementing an All-School STI Screening Event at the annual School Based Health Alliance conference, Arlington VA, June 2016 (faculty and students)
Poster (Sexual health education):
Midwest Nursing Research Society annual meeting in Chicago, Illinois, March 2015 (students)

- Sexual Educator certification for all MSN students/faculty participants
- Positive nursing student course evaluations

Since September 2014:
- 1,516 CPS students have been taught sexual health education by MSN students
- 3 schools have utilized MSN students to teach sexual health education
- 54 MSN students have taught sexual health education
- Each term, there have been 3-4 clinical faculty involved in the project
- 100% of MSN students involved have met all clinical objectives through the CPS clinical
<table>
<thead>
<tr>
<th>Partnership Goal</th>
<th>Activities</th>
<th>Outcomes</th>
<th>Comments/Sustainability/Impact</th>
</tr>
</thead>
</table>
| **Goal:** Increase immunization rates for CPS students while providing opportunities for clinical learning and scholarly activity. | **Practice** - CPS Staff in-services on immunization best practices  
- Collaboration with host schools to address mandatory school medical compliance requirements  
- Collaboration with school principals and school nurses for immunization outreach, administration, and completion  
**MSN Capstone** Changing APN practice to improve immunization rates | **Practice** - Documented increase in immunization administration by 179% SY13-14 to SY14-15  
**Academic** Presentations: Podium: Addressing Health Disparities in Vulnerable Youth through APN Care in SBHCs, DePaul University Health Disparities Conference, April 2015 (faculty and students)  
CON student training/clinical application of immunization administration and schedule management  
RUCON student evaluations reflect 100% satisfaction rate with academic and clinical training placements in SBHCs and CPS schools | Immunization rates for students attending the Chicago Public School's housing the Rush SBHC rates rank among the lowest for Illinois and the nation.  
Our efforts resulted in:  
- Increased number of fully vaccinated children allowing them to remain healthy and in school  
- Improved medical compliance rates for host schools (27% non-compliant Sept 2015 reduced to 2% May 2016) |
| Healthy Chicago 2.0 Target Area: Infectious Disease Prevention | Rush Program: SBHCs  
Practice Partner: Crane Med Prep  
Orr Simpson | | |
| **Healthy Chicago 2.0 Target Area:** Infectious Disease Prevention | Rush Program: SBHCs  
Practice Partner: Crane Med Prep  
Orr Simpson | | |
<table>
<thead>
<tr>
<th>Partnership Goal</th>
<th>Activities</th>
<th>Outcomes</th>
<th>Comments/Sustainability/Impact</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Goal:</strong> Increase identification of CPS students at risk for or experiencing behavioral health issues and link them to services while providing opportunities for clinical learning and scholarly activity. <strong>Healthy Chicago 2.0</strong> <strong>Target Area:</strong> Violence and Injury Prevention/Bullying and Mental Health</td>
<td>- 8-week cyber-bullying course provided by MSN students  - Comprehensive risk assessments in SBHCs and SBHC mental health services  - Development of dedicated care coordination algorithm and program for mental health follow up  - Partnerships with community mental health agencies for in-SBHC counseling services and in-school mental health groups  - In-school mental health events conducted by MSN students aimed at reducing stigma around accessing mental health services</td>
<td><strong>Practice</strong>  Increased identification and linkage of students with behavioral health risks and needs to services and programming:  - Number mental health diagnoses made/ Increase of 89% from SY13-14 to SY14-15  - Number of comprehensive risk assessments completed on high-risk youth/ Increase of 27% SY13-14 to SY14-15</td>
<td>In Illinois, up to 20% of school-age youth have emotional or behavioral challenges. This percentage is estimated to be higher in low-income populations and for youth exposed to violence. Our efforts:  · Increased access to behavioral health care for underserved youth  · Allowed for identification of risk factors affecting academics and life course - homelessness, family and environmental trauma, abuse and neglect, and lack of basic needs - through comprehensive risk assessment of each CPS student seen in the SBHCs and in-school cyber-bullying and stigma reduction groups.</td>
</tr>
<tr>
<td><strong>Rush:</strong>  Educational sessions by Rush MSN students SBHCs</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Practice Partner</strong>  Crane Med Prep  Orr  Simpson</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>MSN Capstones</strong>  - SBIRT: Addressing adolescent substance abuse  - Adolescent cyber safety education</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>DNP Projects</strong>  - Increasing identification and</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

In Illinois, up to 20% of school-age youth have emotional or behavioral challenges. This percentage is estimated to be higher in low-income populations and for youth exposed to violence. Our efforts:

- Increased access to behavioral health care for underserved youth
- Allowed for identification of risk factors affecting academics and life course - homelessness, family and environmental trauma, abuse and neglect, and lack of basic needs - through comprehensive risk assessment of each CPS student seen in the SBHCs and in-school cyber-bullying and stigma reduction groups.
<table>
<thead>
<tr>
<th>Partnership Goal</th>
<th>Activities</th>
<th>Outcomes</th>
<th>Comments/Sustainability/Impact</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Goal:</strong> Collaborate with CPS to provide after school programming that provides leadership opportunities for CPS students and promotes LearnWell values while providing opportunities for clinical learning and scholarly activity.</td>
<td>Collaborative effort between MSN students and Crane Med Prep students for the establishment of the Health Ambassadors Club (HAC), a student-led after school program focusing on obesity prevention.</td>
<td><strong>Practice</strong>&lt;br&gt;As an outcome of the RUCON and HAC collaboration:&lt;br&gt;- 150 Crane Med Prep students participated in a food demonstration Spring 2015&lt;br&gt;- 500 Crane Med Prep students and faculty participated in a Power Hour of fitness Fall 2015&lt;br&gt;- 15 Crane Med Prep/ HAC students organized and implemented the food demonstration and Power Hour event for 500 students and faculty.&lt;br&gt;- There was a 23% increase in HAC students who reported the recommended 60 minutes of exercising every day (Jan 2015 - November 2015)&lt;br&gt;- Perception of the barriers in the HAC students' environment was access to space for physical activity and time for physical activity&lt;br&gt;- Walking was the most popular physical activity&lt;br&gt;- 100% of HAC students accurately identified the 5 sections of MyPlate and gave two examples of knowledge gained via survey.&lt;br&gt;<strong>Academic Presentations:</strong>&lt;br&gt;- Podium: Lessons learned/ best practices at national Association of Community Health Nurse Educators annual conference, Denver, Colorado June, 2015 (faculty and students)&lt;br&gt;- Podium: American Public Health Association annual conference, Chicago IL, October, 2015 (faculty, Crane Med Prep principal and students)&lt;br&gt;- RUCON MSN students completed 120 hours of</td>
<td>The partnership with Crane Med Prep and CON MSN PHN faculty/students to address Learn Well began Summer 2014 and continues today. Through the sustained efforts of CON faculty and Crane Med Prep leadership, cohorts of MSN PHN students work with Crane Med Prep students to sustain after school programming and promote Learn Well. As the student population of Crane Med Prep continues to grow, the goal is to build capacity of Crane students, faculty and staff to promote and maintain LearnWell values and activities within the school.&lt;br&gt;&lt;br&gt;MSN students and Crane Med Prep key stakeholders evaluate formative and summative success of the program at regular scheduled meetings.</td>
</tr>
<tr>
<td><strong>Healthy Chicago 2.0</strong>&lt;br&gt;&lt;br&gt;&lt;strong&gt;Target Area:** Obesity Prevention</td>
<td><strong>MSN Capstone:</strong> The After School Diet, Exercise</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Rush Program:</strong>&lt;br&gt;MSN Public Health Nursing</td>
<td><strong>Practice Partner:</strong>&lt;br&gt;Crane Med Prep&lt;br&gt;• Health Ambassador’s Club (HAC)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Partnership Goal</td>
<td>Activities</td>
<td>Outcomes</td>
<td>Comments/Sustainability/Impact</td>
</tr>
<tr>
<td>------------------</td>
<td>------------</td>
<td>----------</td>
<td>--------------------------------</td>
</tr>
<tr>
<td><strong>Goal</strong>: Increase the number of well qualified new graduates seeking employment at community settings.</td>
<td>RCON MSN/DNP student clinical placements that lead to employment opportunities in nursing positions that serve CPS students. Provide educational opportunity to CPS school RNs seeking advanced degrees.</td>
<td>Practice: New hires: 1 RUCON RN graduate hired as CPS school nurse. Academic: New hires: 3 RUCON RN graduates and 5 RUCON graduate APNs hired into SBHCs. New RUCON students: 1 CPS RN completed Advanced Public Health Nursing Masters program.</td>
<td></td>
</tr>
<tr>
<td><strong>Goal</strong>: Empower community members to improve their own health and provide opportunity for MSN students to work in an interprofessional environment.</td>
<td>Health fair for CPS students. 5=1+20 Concussion module was presented at Benito Juarez and Crane Spring sports teams. Youth advocates.</td>
<td>Practice/Academic FY16 data: 42 nursing students volunteered. triaged 300 people. provided physical exams for 250 children. administered over 100 vaccinations. distributed 350 backpacks. 5+1=20 - Interprofessional opportunity comprised of 50% nursing students (16 students) providing 36 hours of care to 364 patient encounters; MSN students teach teen community volunteers health information to share in their communities. Youth Advocates - Interprofessional students.</td>
<td>For 25 years, RCSIP has provided community-based volunteer experiences for interprofessional Rush students that enhance their ability to work in teams and care for diverse populations. RCSIP programs are student-driven and implemented in a variety settings including CPS schools.</td>
</tr>
<tr>
<td>Initiative Program</td>
<td>Practice Partner: CPS:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>--------------------</td>
<td>-----------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Benito Juarez</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Crane Med Prep</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Simpson</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>involved in the Youth Advocates sub-group of RCSIP (Rush Community Service Initiative Program) engaged in 75 hours of volunteer time in the SBHCs. Nursing students comprised 20% of students and they provided 29 hours of care during 31 patient encounters</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>