8. PROGRAM EVALUATION

**Objectives 2012-2017**

1. Track and review each core’s progress toward achieving their specific milestones
2. Assess ties among cores
3. Evaluate effectiveness of evaluation efforts and identify areas for improvement

**Table of terms**

- C/T=clinical and translational
- CRP=Community Research Partnership
- CRUS=Clinical Research Unit Services
- CTSC = Clinical and Translational Science Collaborative
- KFC=Key Core Function Committees
- PBRN=Practice Based Research Networks
- RETP=Research Education & Training Program
- RMS=Request Management System
- SNA=Social Network Analysis

**Notable Accomplishments (2012-2013)**

- Re-administered SNA questionnaire to Key Core Functions Directors (3rd since CTSC inception)
- Performed inter-institutional collaboration analysis using SciVal publication co-author analysis
- Established new Evaluation Committee
- Scheduled periodicity of each core’s reporting cycle on metrics via new Dashboard

**Personnel**

- Clara M. Pelfrey, PhD, CWRU SOM – Director
- Patricia A. Higgins, RN, PhD, CWRU SON – Co-Director

**Key Core Function Consultations (Start Date) by Type of Consultation (2012-2013)**

<table>
<thead>
<tr>
<th>Consultation Type</th>
<th>Start Date</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Research Education &amp; Training</td>
<td>1/2013</td>
<td>Annual mentor evaluations of KL2 scholars</td>
</tr>
<tr>
<td>2. Pilot Grant Programs</td>
<td>12/2012</td>
<td>Development of Pilot Awardee annual progress report in RedCap</td>
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<tr>
<td>3. Pilot Grant Programs</td>
<td>2/2013</td>
<td>Non-awardee survey - progress; collaborations</td>
</tr>
<tr>
<td>4. Partners in Research Resources multi-core Retreat (Bioethics, CRUS, PBRN, CRP, Evaluation)</td>
<td>1/2013</td>
<td>Retreat survey of content, satisfaction</td>
</tr>
<tr>
<td>5. CTSC Executive Committee &amp; Core Directors Questionnaire</td>
<td>2/2013</td>
<td>SNA interactions between CTSC Cores and CTSA Consortium collaborations</td>
</tr>
<tr>
<td>6. CRUS (2/2013)</td>
<td></td>
<td>Development of RedCap needs assessment survey</td>
</tr>
<tr>
<td>7. Research Education &amp; Training</td>
<td>3/2013</td>
<td>Interdisciplinary Team science analysis of KL2 scholars</td>
</tr>
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**Figure 1.** CTSC Research network cluster based on inter-institutional publication by year (2008, 2010 and 2012) showing collaboration within and between institutions has increased during the first 5 years of the CTSC grant.

Figure 1 shows a representation of inter-institutional collaboration comparing the years 2008, 2010, and 2012 from the SciVal Experts database. A collaboration was defined as 2 or more SciVal experts from CTSC institutions publishing as co-authors on the same paper. The lines represent co-authorship collaborations. For collaboration within an institute, the color of the lines is the same color as the nodes (each node represents one SciVal Expert). For collaboration across institutes, the color of the lines is rendered with the combination colors of two institutes, which helps distinguish cross-institution collaboration (e.g. lines between CWRU and CC are purple (blue & red), while the collaborations between CWRU and UH are cyan (blue & green).