California HealthCare Foundation
Health Care Leadership Program

2010 Evaluation Focus: Social Network Analysis (Part 1)
Slide 1: Objectives of the Social Network Analysis

To map and measure relationships and flows between fellows, groups and organizations using social network analysis

To identify opportunities to strengthen the network
Slide 2: Survey Respondents Across Health Care Leadership Program Cohorts
Slide 3: Survey Response Rates Across Health Care Leadership Program Cohorts

Cohort

<table>
<thead>
<tr>
<th>Cohort</th>
<th>Response Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>62%</td>
</tr>
<tr>
<td>2</td>
<td>62%</td>
</tr>
<tr>
<td>3</td>
<td>59%</td>
</tr>
<tr>
<td>4</td>
<td>59%</td>
</tr>
<tr>
<td>5</td>
<td>59%</td>
</tr>
<tr>
<td>6</td>
<td>66%</td>
</tr>
<tr>
<td>7</td>
<td>84%</td>
</tr>
<tr>
<td>8</td>
<td>72%</td>
</tr>
<tr>
<td>9</td>
<td>71%</td>
</tr>
<tr>
<td>Overall</td>
<td>66%</td>
</tr>
</tbody>
</table>
Slide 4: Survey Respondents by Geographic Location

- Greater LA/San Diego: 30%
- SF Bay Area: 43%
- Central CA: 10%
- Central Coast: 4%
- Northern CA: 11%
- Outside CA: 2%
Slide 5: Survey Respondents by Type of Organization

[Bar chart showing the percentage of respondents by type of organization, with numbers for each type of organization included in the chart.]
Slide 6: Frequency of Self-Reported Contact Among CHCF HCLProgram Fellows within Past Year

Self-Reported Contact with Other Fellows

- Average Number of Self-Reported Ties by Each Fellow = 23
- Range of Ties = 0-95
- Percentage of Fellows Reporting Contact with:
  - <10% of Other Fellows = 64%
  - 10%-20% of Other Fellows = 26%
  - >20% of Other Fellows = 10%

Fellows Who are Contacted by Other Fellows

- Average Number of Times Contacted by Another Fellow = 15
- Range of Contacts = 0-48
- Percentage of Fellows Contacted by:
  - 15 or Less Other Fellows = 56%
  - 16-25 Other Fellows = 30%
  - More than 25 Other Fellows = 14%
Slide 7: Frequency of Contact in Past 12 Months with Other CHCF HCLP Fellows Within Each Cohort

Note: Thicker lines represent more frequent contact among fellows.
“Density” is a measure of strength of ties among fellows and is presented for each cohort.
Slide 8: Frequent Contact* in Past 12 Months with Other CHCF HCLP Fellows Within and Between Cohorts

* Once a month or more

Note: Gray lines represent frequent contact between cohorts and red lines represent frequent contact within cohorts
Slide 9: Measure of Collaboration Among CHCF HCLP Fellows

<table>
<thead>
<tr>
<th>Networking 1</th>
<th>Cooperation 2</th>
<th>Coordination 3</th>
<th>Coalition 4</th>
<th>Collaboration 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Loosely defined roles</td>
<td>- Provide information to each other</td>
<td>- Share information and resources</td>
<td>- Share ideas</td>
<td>- Frequent communication is characterized by mutual trust</td>
</tr>
<tr>
<td>- Little communication</td>
<td>- Somewhat defined roles</td>
<td>- Defined roles</td>
<td>- Share resources</td>
<td></td>
</tr>
<tr>
<td>- All decision are made independently</td>
<td>- Formal communication</td>
<td>- Frequent communication</td>
<td>- Frequent and prioritized communication</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- All decision are made independently</td>
<td>- Some shared decision making</td>
<td>- All members have a vote in decision making</td>
<td>- Consensus is reached on all decisions</td>
</tr>
</tbody>
</table>

Slide 10: Levels of Collaboration in Past 12 Months with Other CHCF HCLP Fellows Within Each Cohort

Note: Thicker lines represent greater levels of collaboration among fellows. “Density” is a measure of strength of collaboration among fellows and is presented for each cohort.
Slide 11: Highest Level of Collaboration* in Past 12 Months with Other CHCF HCLP Fellows Within and Between Cohorts

* Reported by fellows as “collaboration” (i.e., “5” on a 5-point scale)

Note: Gray lines represent highest level of collaboration between cohorts and red lines represent highest level of collaboration within cohorts.
Slide 12: Collaboration in Past 12 Months with Various Types of Organizations

Note: Percentages represent the proportion of fellows who self-reported collaboration with the types of organizations listed (n=171)
Slide 13: Collaboration with Other Fellows in Past 12 Months on Various Topics Related to Care Delivery

Note: Percentages represent the proportion of fellows who self-reported collaboration with other fellows on topic areas related to care delivery (n=171)
Slide 14: Collaboration with Other Fellows in Past 12 Months on Various Topics Related to Health Information Technology

Note: Percentages represent the proportion of fellows who self-reported collaboration with other fellows on topic areas related to health information technology (n=171)
Slide 15: Collaboration with Other Fellows in Past 12 Months on Various Topics Related to Health Care Policy and Financing

Note: Percentages represent the proportion of fellows who self-reported collaboration with other fellows on topic areas related to health care policy and financing (n=171)
California HealthCare Foundation
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2010 Evaluation Focus: Social Network Analysis (Part 2)
Slide 16: Collaboration with Other Fellows in Past 12 Months on Various Topics Related to Insurance and the Uninsured

Note: Percentages represent the proportion of fellows who self-reported collaboration with other fellows on topic areas related to insurance and the uninsured (n=171)
Slide 17: Collaboration with Other Fellows in Past 12 Months on Various Topics Related to Quality Improvement, Children’s Health, Health Promotion, or Other Topic

Note: Percentages represent the proportion of fellows who self-reported collaboration with other fellows on topic areas noted (n=171)
Slide 18: Collaboration in Past 12 Months with Anyone from Various External Organizations

Note: Percentages represent the proportion of fellows who self-reported collaboration with anyone from the external organizations noted (n=171).
“Influential Fellows” are defined as...

- being contacted by more than 15 other fellows in past year; and,
- being contacted frequently by more than 3 fellows in past year; and,
- being asked to collaborate at the highest levels of collaboration ("coalition" or "collaboration" with 2 or more other fellows in past year)

Among all cohorts, there are 56 "influential" fellows (22% of all fellows)
Slide 20: Distribution of “Influential” Fellows Across CHCF HCLP Cohorts
Slide 21: Levels of Collaboration in Past 12 Months Between “Influentials” and Other CHCF HCLP Fellows Within Cohorts

Notes: Thicker lines represent greater levels of collaboration among fellows
Slide 22: Highest Level of Collaboration* in Past 12 Months Between “Influentials” and Other CHCF HCLP Fellows Within and Between Cohorts

* Reported by fellows as “collaboration” (i.e., “5” on a 5-point scale)

Note: Gray lines represent highest level of collaboration between cohorts and red lines represent highest level of collaboration within cohorts
Slide 23: Highest Level of Collaboration* in Past 12 Months by “Influential” Status

* Reported by fellows as “collaboration” (i.e., “5” on a 5-point scale)

Notes: Green lines represent highest level of collaboration within each group and gray lines represent highest level of collaboration between groups; “Density” is a measure of strength of ties among fellows and is presented for each group.
Slide 24: Characteristics of “Influential”* Fellows

* Defined as being contacted by more than 15 other fellows in past year, being contacted frequently by more than 3 fellows in past year, and being asked to collaborate at the highest levels of collaboration (“coalition” or “collaboration” with 2 or more other fellows in past year (n=56; 22% of fellows)

At least 2 “Influentials” in each cohort and most common in cohorts 3, 7, 8, and 9

Most commonly located in San Francisco Bay Area but none outside of California

Most common in public hospitals and community clinics; least common in federal and local government

Influentials
Other Fellows

Distribution Across Types of Organizations

Influentials
Other Fellows

Organization Type

Influentials
Other Fellows

At least 2 “Influentials” in each cohort and most common in cohorts 3, 7, 8, and 9

Most commonly located in San Francisco Bay Area but none outside of California

Most common in public hospitals and community clinics; least common in federal and local government

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Slide 25: Collaboration in Past 12 Months with Other Organizations

[Bar chart showing collaboration with various types of organizations such as academic institutions, health systems, community clinics, etc., categorized as Influentials and Other Fellows.]
Slide 26: Collaboration in Past 12 Months with Other Fellows on Topics Related to Care Delivery
Slide 27: Collaboration in Past 12 Months with Other Fellows on Topics Related to Health Information Technology
Slide 28: Collaboration in Past 12 Months with Other Fellows on Topics Related to Health Policy

![Bar chart showing collaboration in past 12 months with other fellows on topics related to health policy.](image-url)
Slide 29: Collaboration in Past 12 Months with Other Fellows on Topics Related to Insurance and Uninsured
Slide 30: Collaboration in Past 12 Months with Other Fellows on Topics Related to Quality Improvement, Children’s Health, Health Promotion, and Other Topics
Slide 31: Collaboration in Past 12 Months with Anyone from Various External Organizations
Slide 32: Involvement of Fellows in Policy Events in Past 12 Months

Note: A policy event is a specific interaction with policymakers (testifying, meeting in person or by phone with policymakers, policymakers briefings, etc.), direct evidence of research finding in a written policy (language included in a bill or regulations, work cited in a bill, etc.) or evidence that findings have been used to influence program design, practice or resource allocation.
Slide 33: Self-Rated Level of Participation in the California Health Leaders Network

Self-Rated Current Level of Participation

- Influential
- Other Fellows
- Total

- High: 20%, 3%, 8%
- Medium: 36%, 20%, 24%
- Low: 53%, 47%
- Not at All Active: 13%, 25%, 22%
Slide 34: Self-Rated Change in Level of Participation in the California Health Leaders Network

Self-Rated Change in Level of Participation

- Increased: 29% Influential, 22% Other Fellows, 24% Total
- Stayed the Same: 56% Influential, 46% Other Fellows, 44% Total
- Decreased: 15% Influential, 38% Other Fellows, 32% Total
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