ASQ SYRACUSE SECTION
(A PROFESSIONAL ORGANIZATION)
Introduction - ASQ Syracuse Section

- Established in 1946
- One of 248 sections of the American Society for Quality
- 200+ Quality Professionals from CNY
- Section area borders:
  - Up North, to Watertown and Postdam
  - East, to Rome and Utica
  - West, to Auburn and Skaneatles
  - South, to Cortland and DeReuter
Functions Involved

- Administration
- Website
- Meetings
- Events
- Membership
- Newsletter
- Certification/ Re-Certification
- Employment
Six Sigma (DMAIC)

- Define
  - Identify Potential Projects
- Measure
  - Document Current Process
  - Measure Current Process Capability
- Analyze
  - Collect Data
  - Determine Critical Process Variables
- Improve
  - Determine Process Settings to Optimize Product Results
- Control
  - Measures and Documents Improved Process
  - Establish Controls to Sustain the Improved Process

* Theme for Section Year: Six Sigma and Lean Manufacturing *
Identifying and Selection of Potential Projects

- Nominations
  - Membership
    - Continue to Increase Membership
    - Increase Member Involvement in Section Activities
  - Website
    - Bad Aesthetics
    - In-efficient Features and Functionalities
- Administration
  - Increase Participation in Volunteer Positions
MEASURE PHASE

Section Development

Meetings
Speakers
Location
Collect
Receipts
Logistics
Region
Meetings
Information
Liaisons
Financial
National

Web Page
Meetings
Job Post
Officers
Calendar
Announce
Monthly
Chair
Face of Q
Section
Calendar

Membership
Welcome
Keeping
Polling
Answering
Telling
Retreat
Maintenance
Meetings
Outer Grp
Inner Grp
Leadership
Newsletter

Success
ANALYZE PHASE

- Plan for Data Collection
- Analyze Data
  - Pareto Diagrams, Statistics, Control Charts, Histograms, Process Capability
- Test Theories
IMPROVE PHASE

- Evaluate Alternate Remedies
  - Benchmarking
  - Remedy Selection Matrix

<table>
<thead>
<tr>
<th>Criterion</th>
<th>Remedy 1</th>
<th>Remedy 2</th>
<th>Remedy 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration</td>
<td>Encourage members to volunteer for management positions</td>
<td>Have leadership training sessions for members</td>
<td>Recognize contributions through some awards.</td>
</tr>
<tr>
<td>Website</td>
<td>Improve Aesthetics</td>
<td>Connect to a database</td>
<td>Improve employment section</td>
</tr>
<tr>
<td>Membership</td>
<td>Advertisement</td>
<td>University Collaboration</td>
<td>Increase membership benefits</td>
</tr>
</tbody>
</table>

- Design a Remedy
- Prove the Effectiveness of the Remedy
- Shift Remedy to Operations
The End

- Comments
- Q & A