Compare the Average Snowfall in New York in Chicago from 1990-2015

In [2]:

```
import matplotlib.pyplot as plt
#import mplleaflet
import pandas as pd
df = pd.read_excel('Seasonal Snowfall Data.xlsx', sheetname='Sheet2')
```

In [3]:

```
chi=df.loc[df.City=="Chicago"][['Season Start', 'Total Inches']]
ny=df.loc[df.City=="New York"].reset_index(drop=True)[['Season Start', 'Total Inches']]
plt.figure()
plt.gca().set_color_cycle(['red', 'blue'])
plt.plot(chi['Season Start'], chi['Total Inches'], ny['Season Start'], ny['Total Inches'],
markersize=2, alpha=0.5)
plt.ylabel('Total Snowfall (inches)')
plt.xlabel('Year')
plt.legend(['Chicago', 'New York'], loc=2, frameon=False)
plt.title('Comparative Snowfall Chicago and New York (1990-2015)')
#plt.savefig('Week 4 Submission')
plt.show()
```

```
C:\Users\mjdun\Anaconda\lib\site-packages\matplotlib\cbook\deprecation.py:106:
MatplotlibDeprecationWarning: The set_color_cycle attribute was deprecated in version 1.5. Use set
_prop_cycle instead.
  warnings.warn(message, mplDeprecation, stacklevel=1)
```