In [156]:

```
import tabula
import pandas as pd
import matplotlib.pyplot as plt

# df = pd.DataFrame()
df = tabula.read_pdf("2014-2015.pdf", pages="all", multiple_tables=True)
```

In [157]:

```
categories = []
```

In [158]:

```
publications = df[0]
categories.append(publications)
```

In [159]:

```
student_activity_groups = df[1:7]
categories.append(student_activity_groups)
```

In [160]:

```
student_initiated_service_groups = df[7:11]
categories.append(student_initiated_service_groups)
```

In [161]:

```
programs = df[11]
categories.append(programs)
```

In [162]:

```
operations = df[12]
categories.append(operations)
```

In [163]:

```
lead_center = df[13]
categories.append(operations)
```

In [164]:

```
president_office = df[14]
categories.append(president_office)
```

In [165]:

```
evp_office = df[15:17]
categories.append(evp_office)
```

In [166]:

```
eavp_office = df[17]
categories.append(eavp_office)
```

In [167]:

```
aavp_office = df[18]
categories.append(aavp_office)
```

In [168]:

```
osa_office = df[19]
categories.append(osa_office)
```

In [169]:

```
appointed_officials = df[20:22]
categories.append(appointed_officials)
```

In [170]:

```
senate = df[22]
categories.append(senate)
```

In [171]:

```
asuc_total = df[23]
categories.append(asuc_total)
```

In [172]:
```
graduate_assembly = df[24]
categories.append(graduate_assembly)
```

In [173]:
```
totals = df[25]
categories.append(totals)
```

In [174]:
```
appointed_officials
```

Out[174]:
```
[                                   0     1                2                3  \
 0                APPOINTED OFFICIALS  Type  Funding Request  Finance Officer
 1                   Attorney General    AG              NaN        $1,000.00
 2  Commissioner of Diversity Affairs   CDA              NaN        $1,000.00

                    4                 5
 0  Finance Committee  Final Allocation
 1          $1,000.00         $1,000.00
 2          $1,000.00         $1,000.00  ,
                                           0    1        2           3  \
 0                       Comptroller General   CG      NaN   $1,000.00
 1                          Election Council   EC      NaN  $20,000.00
 2                           Finance Officer   FO      NaN   $1,500.00
 3                          Judicial Council   JC  $750.00     $750.00
 4     Marketing and Communications Director  MCD      NaN   $1,000.00
 5  (Under MCD) Marketing and Communications  MCD      NaN   $1,000.00
 6                         Solicitor General   SG      NaN   $1,000.00
 7                                 SUB-TOTAL  NaN      NaN  $28,250.00

             4           5
 0   $1,000.00   $1,000.00
 1  $20,000.00  $20,000.00
 2   $1,500.00   $1,500.00
 3     $750.00     $750.00
 4   $1,000.00   $1,000.00
 5   $1,000.00   $1,000.00
 6   $1,000.00   $1,000.00
 7  $28,250.00  $28,250.00  ]
```

In [175]:

```
def process_df_group(df_start_index, df_end_index=None):
    """
    takes in indices of df and returns processed df
    """
    # select df groups
    if df_end_index == None:
        df_spliced = df[df_start_index]

        # set first row as header
        df_spliced.columns = df_spliced.iloc[0]
        df_spliced = df_spliced.reindex(df_spliced.index.drop(0))
    else:
        df_spliced_multiple = df[df_start_index:df_end_index]

        # set first row as header
        df_columns = df_spliced_multiple[0].iloc[0]
        #print('Cols', df_columns)
        df_spliced_multiple[0] = df_spliced_multiple[0].reindex(df_spliced_multip
le[0].index.drop(0))

        df_spliced = pd.concat(df_spliced_multiple)

        df_spliced.columns = df_columns
        #print(df_spliced.head())
        df_spliced = df_spliced.dropna(axis=1, how='all')

    #print('-------')
    #print(df_spliced.columns)

    # columns to parse dollar values
    dollar_cols = ['Funding Request', 'Finance Officer', 'Finance Committee', 'Fi
nal Allocation']

    # convert dollar values to float values
    for col in dollar_cols:
        df_spliced[col] = df_spliced[col].apply(lambda x: str(x).replace('$', '')
)
        df_spliced[col] = df_spliced[col].apply(lambda x: str(x).replace(',', '')
)
        df_spliced[col] = df_spliced[col].apply(lambda x: float(x))

    df_spliced = df_spliced.astype(float, raise_on_error=False)

    # remove last row (subtotal row)
    df_spliced = df_spliced[:-1]

    # add column for difference between allocation and request
    df_spliced['Difference'] = df_spliced['Final Allocation'] - df_spliced['Fundi
ng Request']
    df_spliced['Difference Percentage'] = (df_spliced['Final Allocation'] - df_sp
liced['Funding Request'])/df_spliced['Funding Request']

    # rename first column from organization type to club name
    df_spliced.columns.values[0] = 'Name'

    return df_spliced
```

In [176]:
```
# categories = list of dataframes for each major category
categories = []

category_names = ['publications', 'student_activity_groups', 'student_initiated_s
ervice_groups', 'programs',
                 'operations', 'lead_center', 'president_office', 'evp_office', '
eavp_office', 'aavp_office',
                 'osa_office', 'appointed_officials', 'senate', 'asuc_total', 'gr
aduate_assembly', 'totals']
category_splices = [[0, None], [1, 7], [7, 11], [11, None], [12, None], [13, None
], [14, None]]
"""
TODO
excluding some "office of the ...." groups because they are not clubs
"""
for splice in category_splices:
    print(splice)
    categories.append(process_df_group(splice[0], splice[1]))

#print('----------------------------------------------------')
#print(categories[0])
```

```
[0, None]
[1, 7]
[7, 11]
[11, None]
[12, None]
[13, None]
[14, None]
```

In [177]:
```
def join_pages(lst_df):
    if type(lst_df) != list:
        return lst_df
    df = lst_df[0]
    for i in range(1,len(lst_df)):
        df = df.append(lst_df[i])
    return df
```

In [178]:
```
joined_categories = list(map(join_pages, categories))
```

Money Allocated by Organization Type

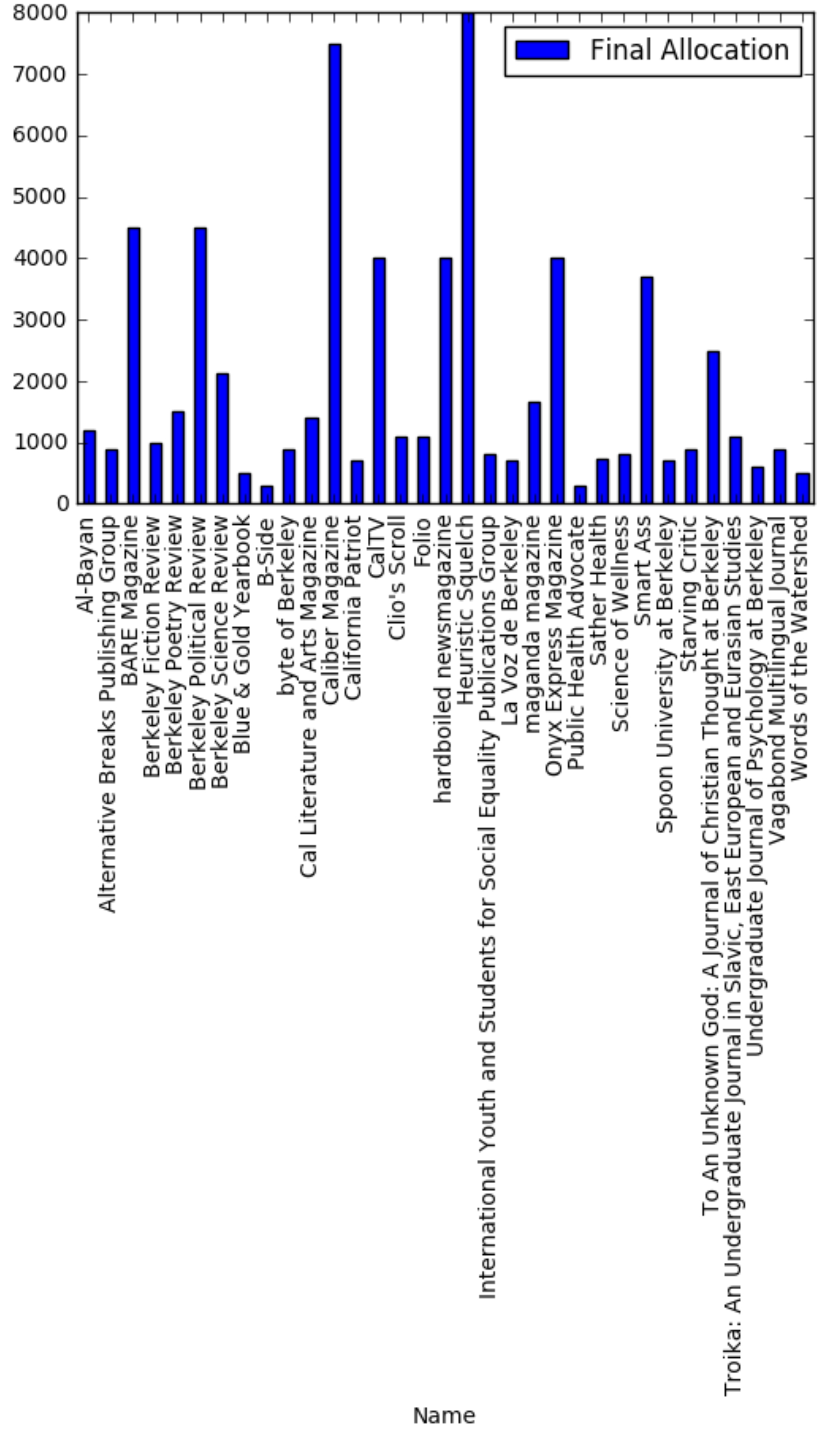
Each Org and Clubs + Amounts Received

In [179]:

```
for i in range(len(categories)):
    print(categories[i]['Type'][1])
    plt.figure()
    categories[i].plot.bar(x='Name',y='Final Allocation')
    plt.show()
```

```
PUB
```

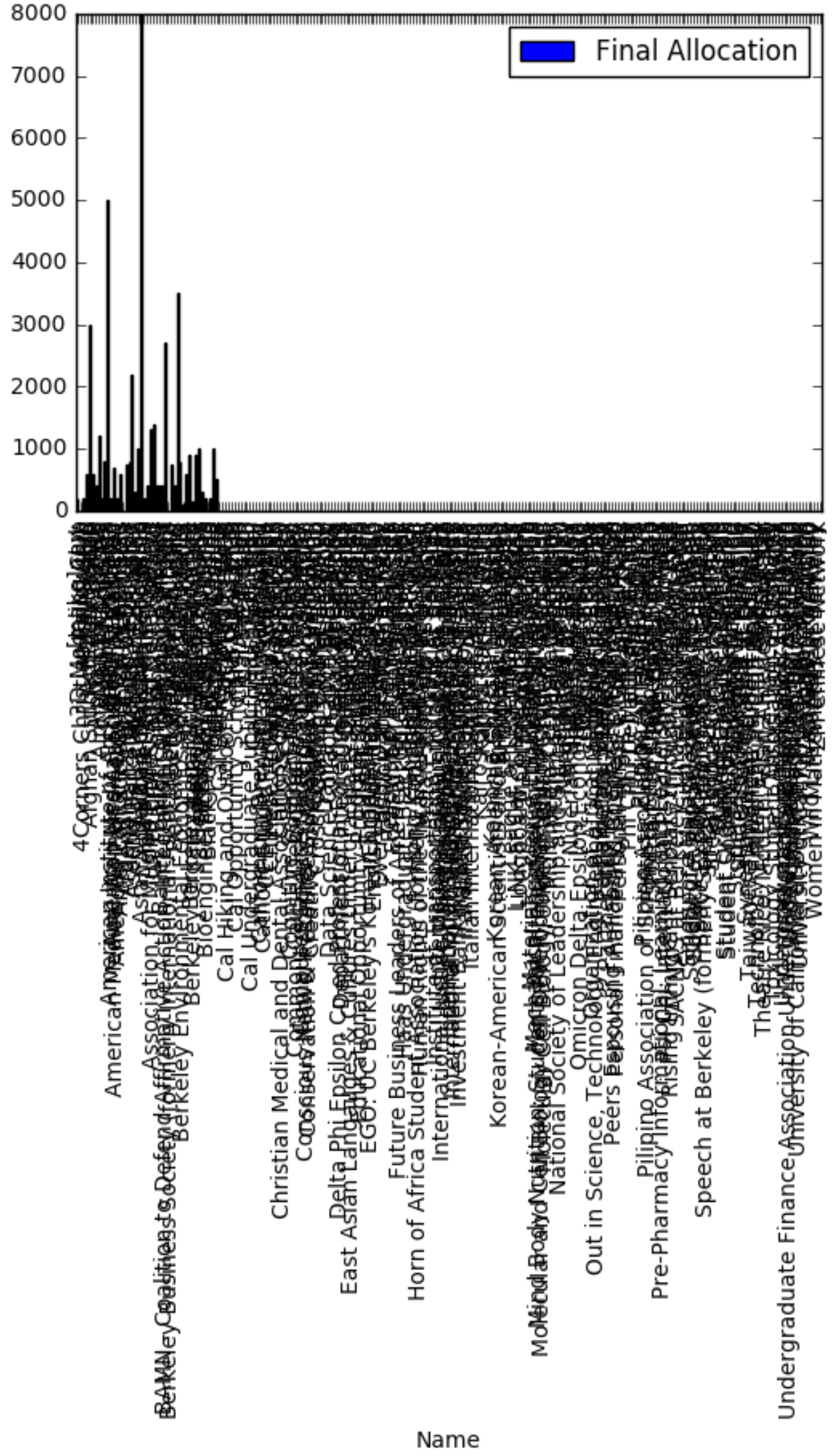
```
<matplotlib.figure.Figure at 0x11364fcc0>
```



8000
7000
6000
5000
4000
3000
2000
1000
0
Final Allocation
Al-Bayan
Alternative Breaks Publishing Group
BARE Magazine
Berkeley Fiction Review
Berkeley Poetry Review
Berkeley Political Review
Berkeley Science Review
Blue & Gold Yearbook
B-Side
byte of Berkeley
Cal Literature and Arts Magazine
Caliber Magazine
California Patriot
CalTV
Clio's Scroll
Folio
hardboiled newsmagazine
Heuristic Squelch
International Youth and Students for Social Equality Publications Group
La Voz de Berkeley
maganda magazine
Onyx Express Magazine
Public Health Advocate
Sather Health
Science of Wellness
Smart Ass
Spoon University at Berkeley
Starving Critic
To An Unknown God: A Journal of Christian Thought at Berkeley
Troika: An Undergraduate Journal in Slavic, East European and Eurasian Studies
Undergraduate Journal of Psychology at Berkeley
Vagabond Multilingual Journal
Words of the Watershed
Name

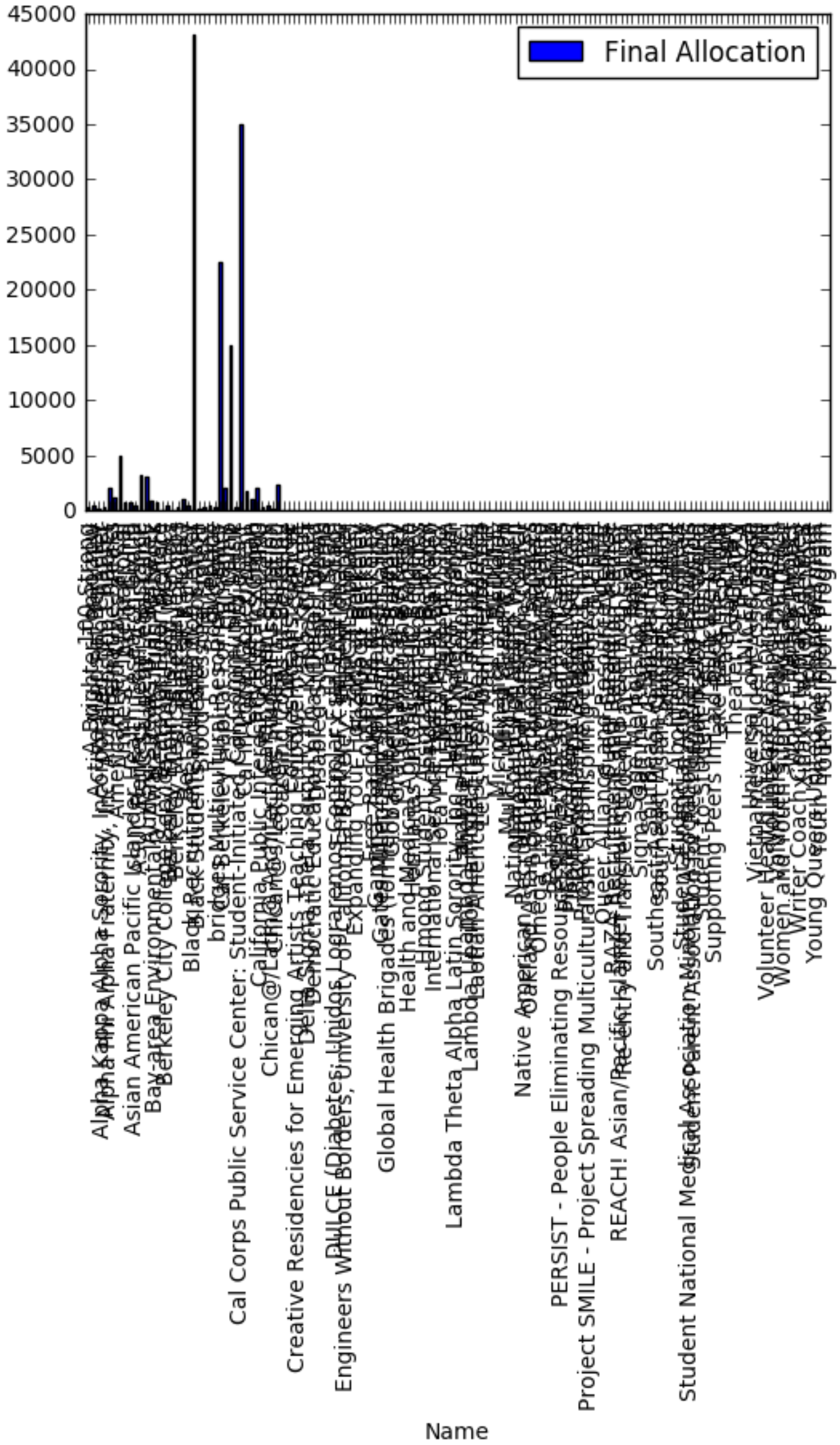
```
1    SAG
1    SAG
1    SAG
1    SAG
1    SAG
1    SAG
Name: Type, dtype: object
```

```
<matplotlib.figure.Figure at 0x1152d9550>
```



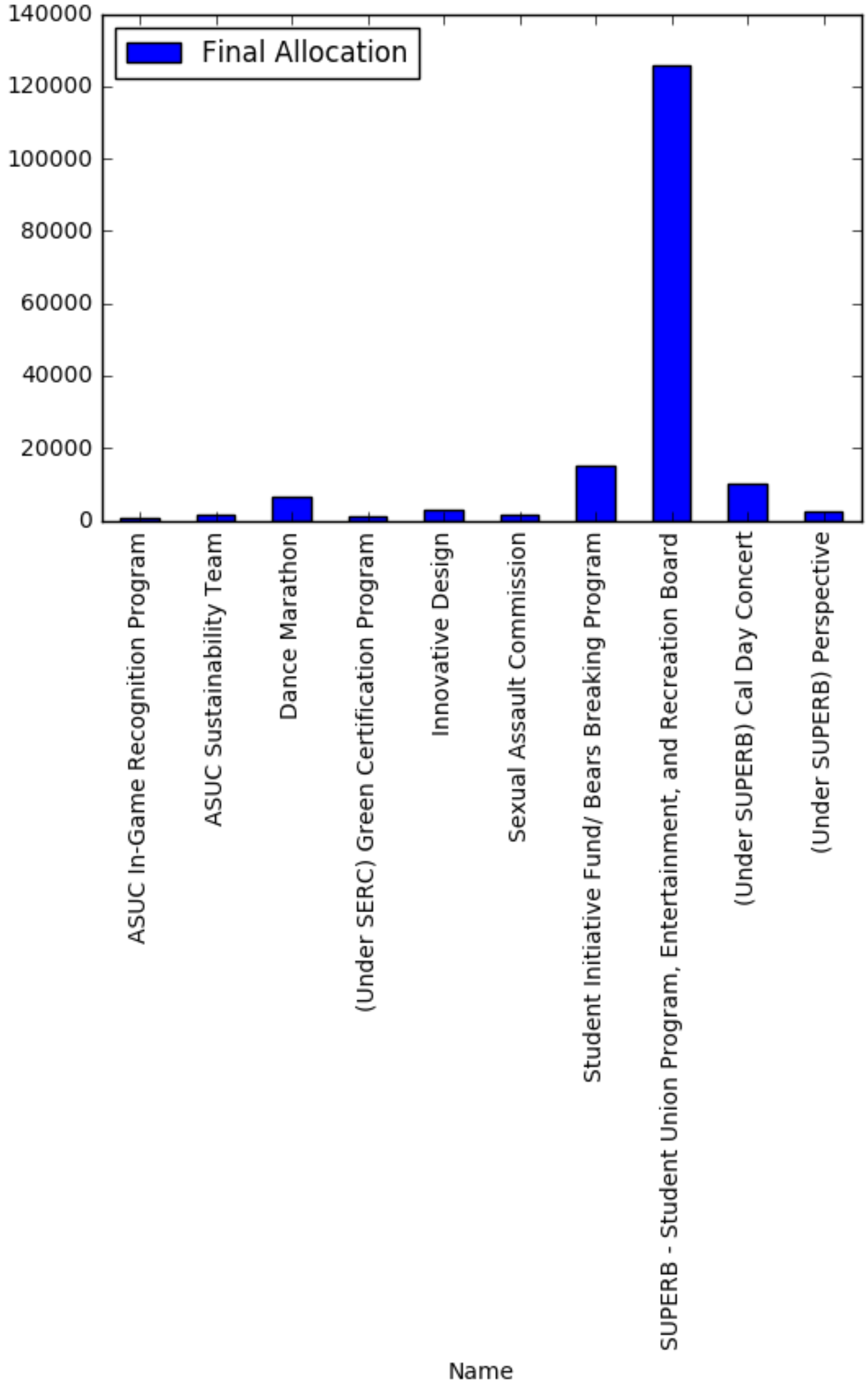
```
1    SISG
1    SISG
1    SISG
1    SISG
Name: Type, dtype: object
```

```
<matplotlib.figure.Figure at 0x11424f940>
```



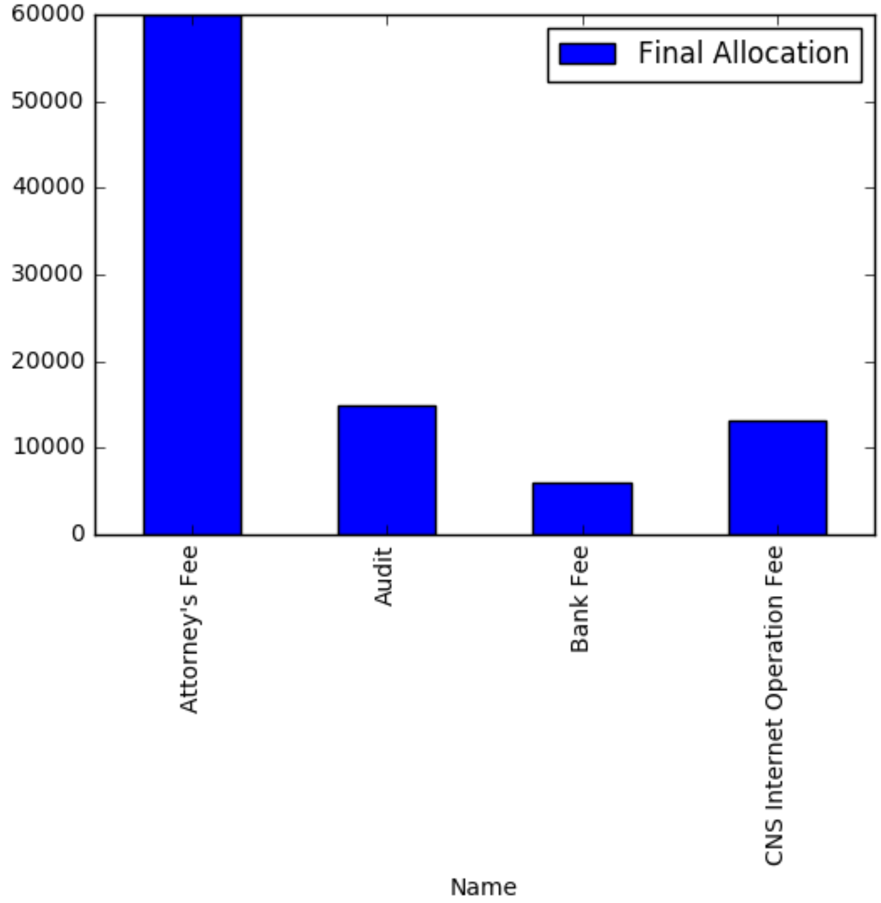
ASUC

```
<matplotlib.figure.Figure at 0x113caaf28>
```


Final Allocation
0
20000
40000
60000
80000
100000
120000
140000
ASUC In-Game Recognition Program
ASUC Sustainability Team
Dance Marathon
(Under SERC) Green Certification Program
Innovative Design
Sexual Assault Commission
Student Initiative Fund/ Bears Breaking Program
SUPERB - Student Union Program, Entertainment, and Recreation Board
(Under SUPERB) Cal Day Concert
(Under SUPERB) Perspective
Name

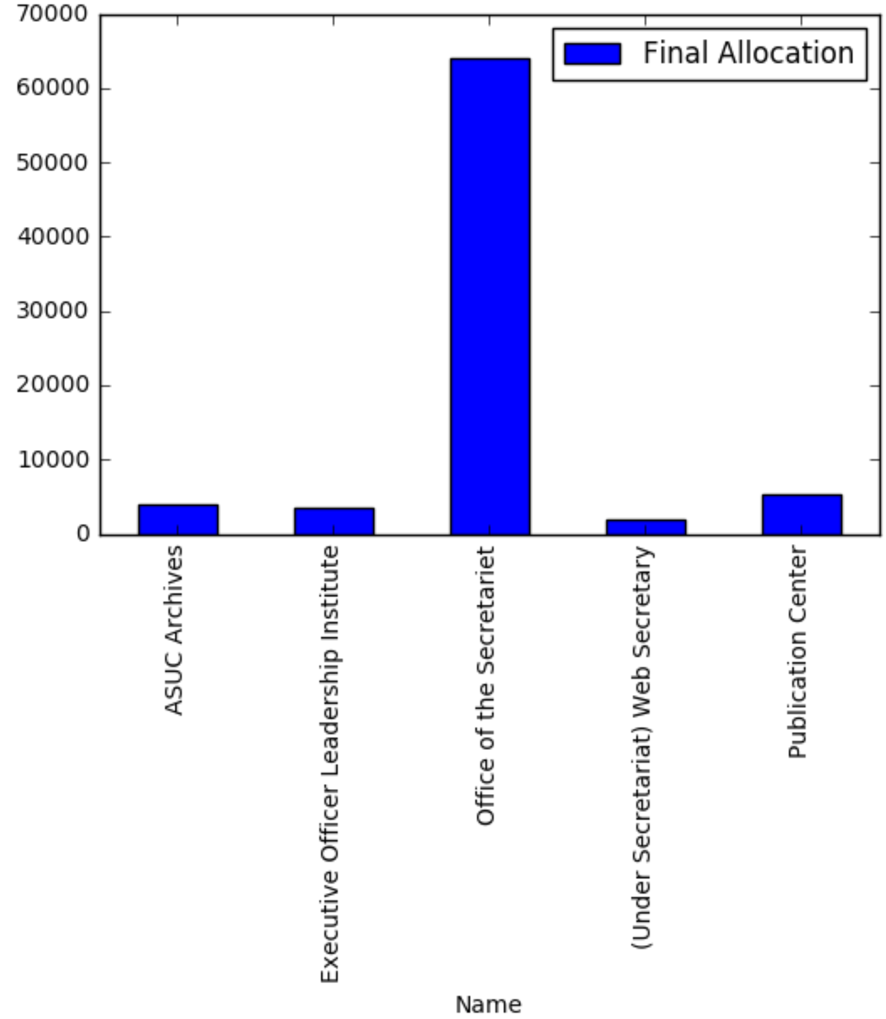
```
ASUC
```

```
<matplotlib.figure.Figure at 0x114e6df28>
```


60000
50000
40000
30000
20000
10000
0
Final Allocation
Attorney's Fee
Audit
Bank Fee
CNS Internet Operation Fee
Name

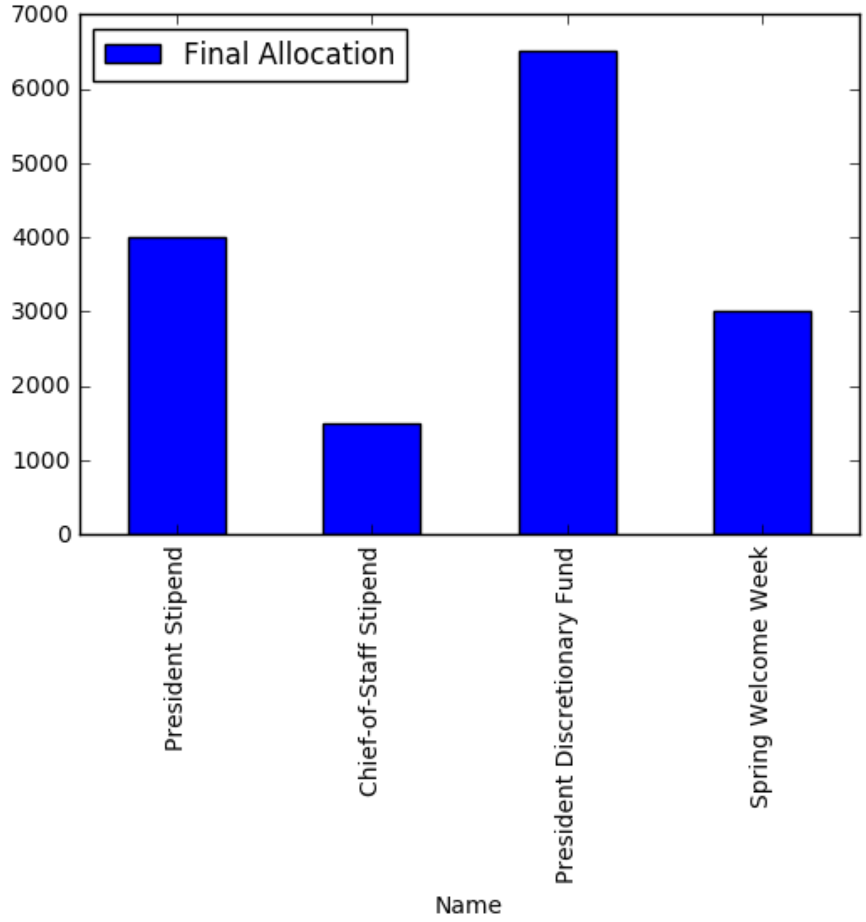
```
LEAD
```

```
<matplotlib.figure.Figure at 0x115201ba8>
```


70000
60000
50000
40000
30000
20000
10000
0
Final Allocation
ASUC Archives
Executive Officer Leadership Institute
Office of the Secretariet
(Under Secretariat) Web Secretary
Publication Center
Name

```
OP
```

```
<matplotlib.figure.Figure at 0x113c29ac8>
```



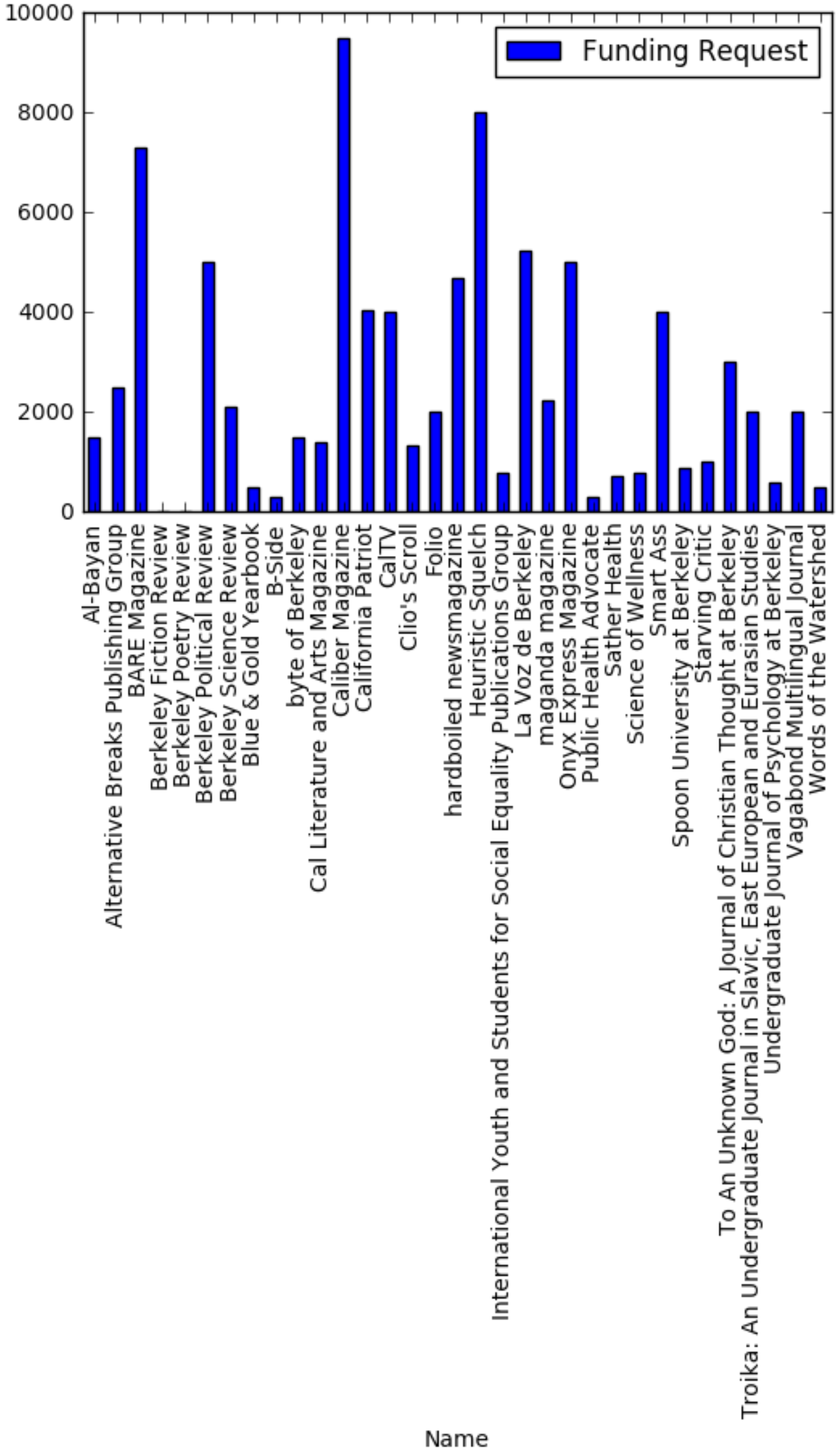
Money Requested by Organization Type

Each Org and Clubs + Amounts Requested

In [180]:

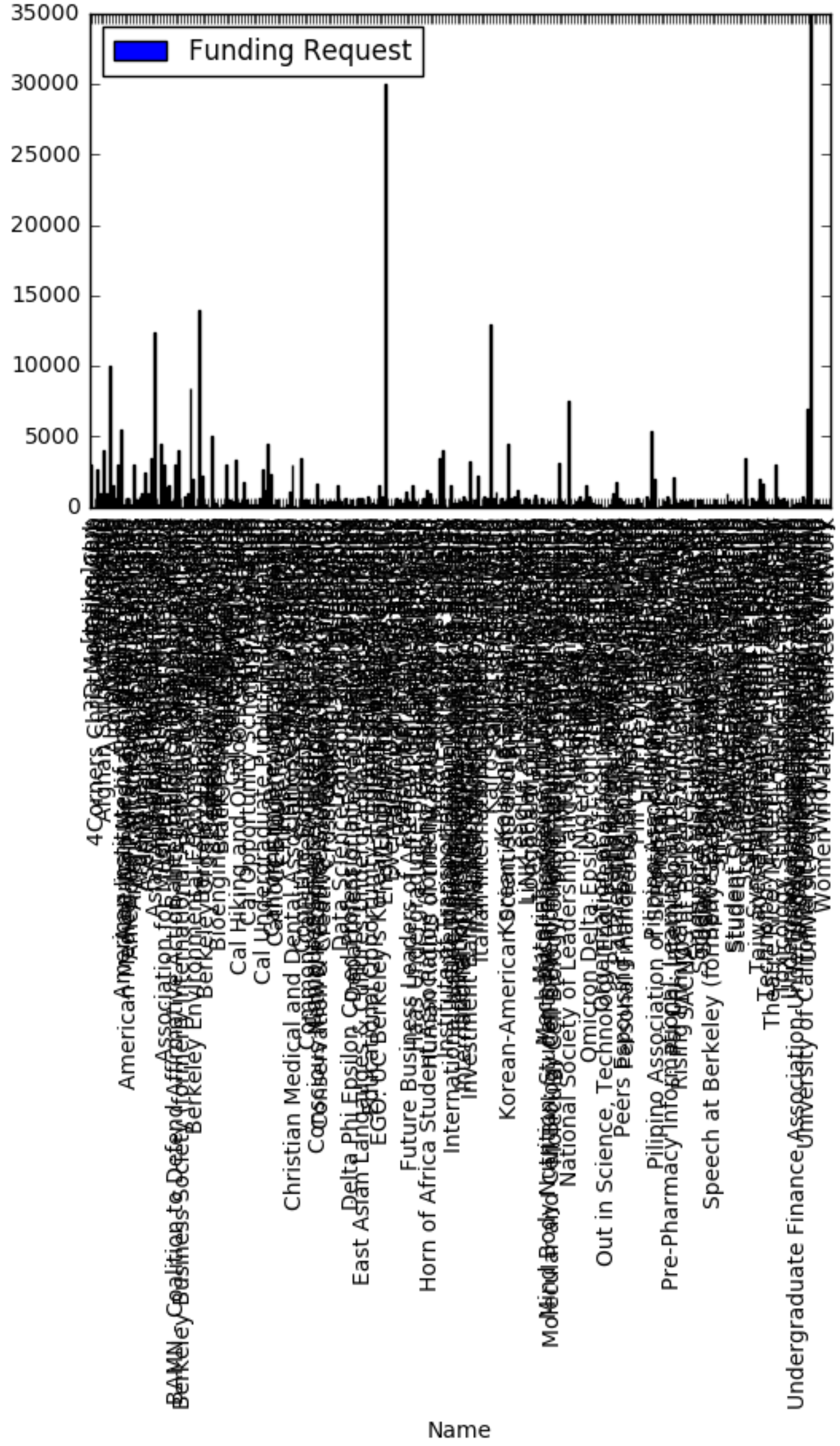
```
for i in range(len(categories)):
    print(categories[i]['Type'][1])
    plt.figure()
    categories[i].plot.bar(x='Name',y='Funding Request')
    plt.show()
```

```
PUB

<matplotlib.figure.Figure at 0x115223780>
```


10000
8000
6000
4000
2000
0
Funding Request
Al-Bayan
Alternative Breaks Publishing Group
BARE Magazine
Berkeley Fiction Review
Berkeley Poetry Review
Berkeley Political Review
Berkeley Science Review
Blue & Gold Yearbook
B-Side
byte of Berkeley
Cal Literature and Arts Magazine
Caliber Magazine
California Patriot
CalTV
Clio's Scroll
Folio
hardboiled newsmagazine
Heuristic Squelch
International Youth and Students for Social Equality Publications Group
La Voz de Berkeley
maganda magazine
Onyx Express Magazine
Public Health Advocate
Sather Health
Science of Wellness
Smart Ass
Spoon University at Berkeley
Starving Critic
To An Unknown God: A Journal of Christian Thought at Berkeley
Troika: An Undergraduate Journal in Slavic, East European and Eurasian Studies
Undergraduate Journal of Psychology at Berkeley
Vagabond Multilingual Journal
Words of the Watershed
Name

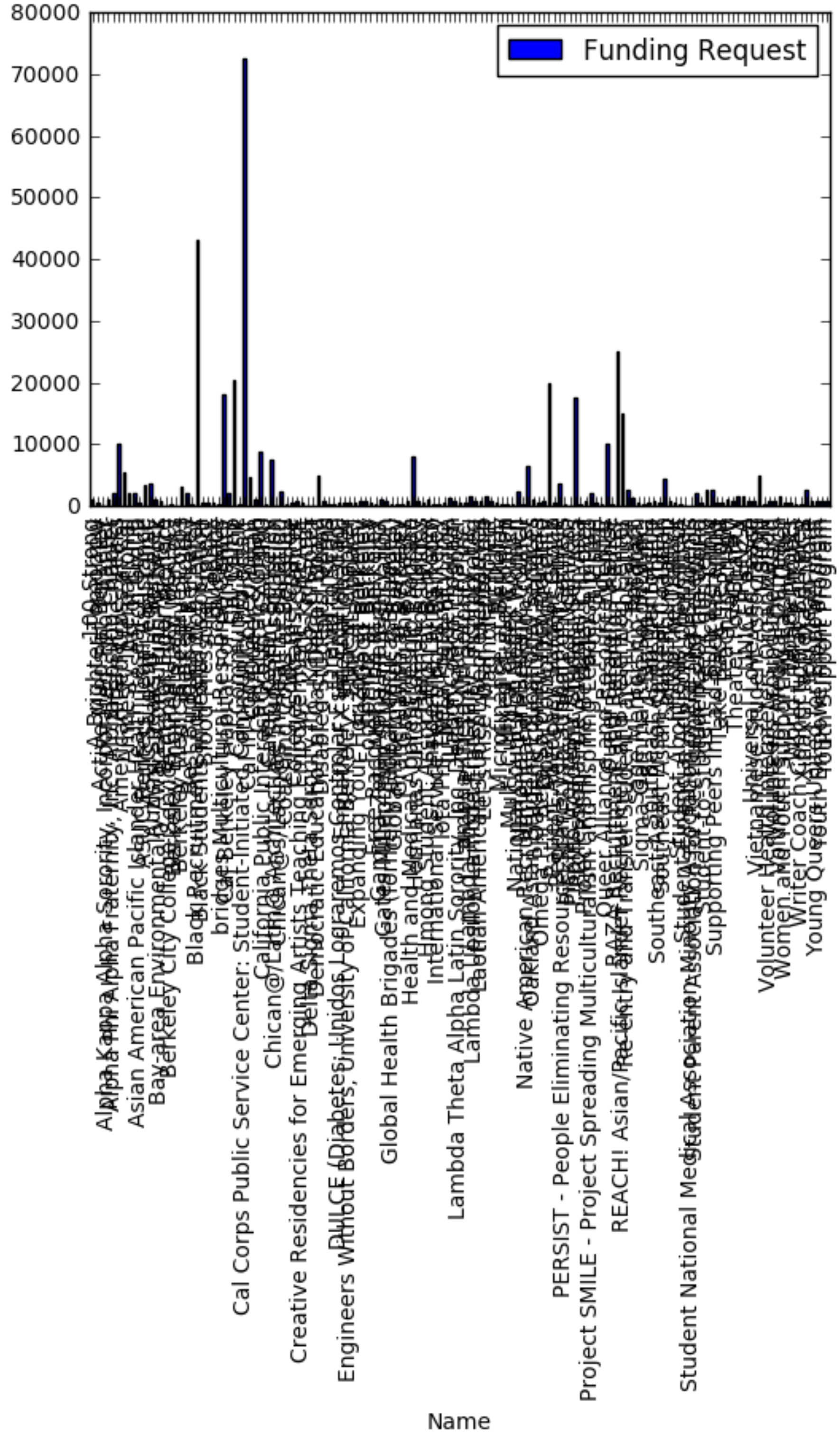
```
1     SAG
1     SAG
1     SAG
1     SAG
1     SAG
1     SAG
Name: Type, dtype: object
```

```
<matplotlib.figure.Figure at 0x1144591d0>
```



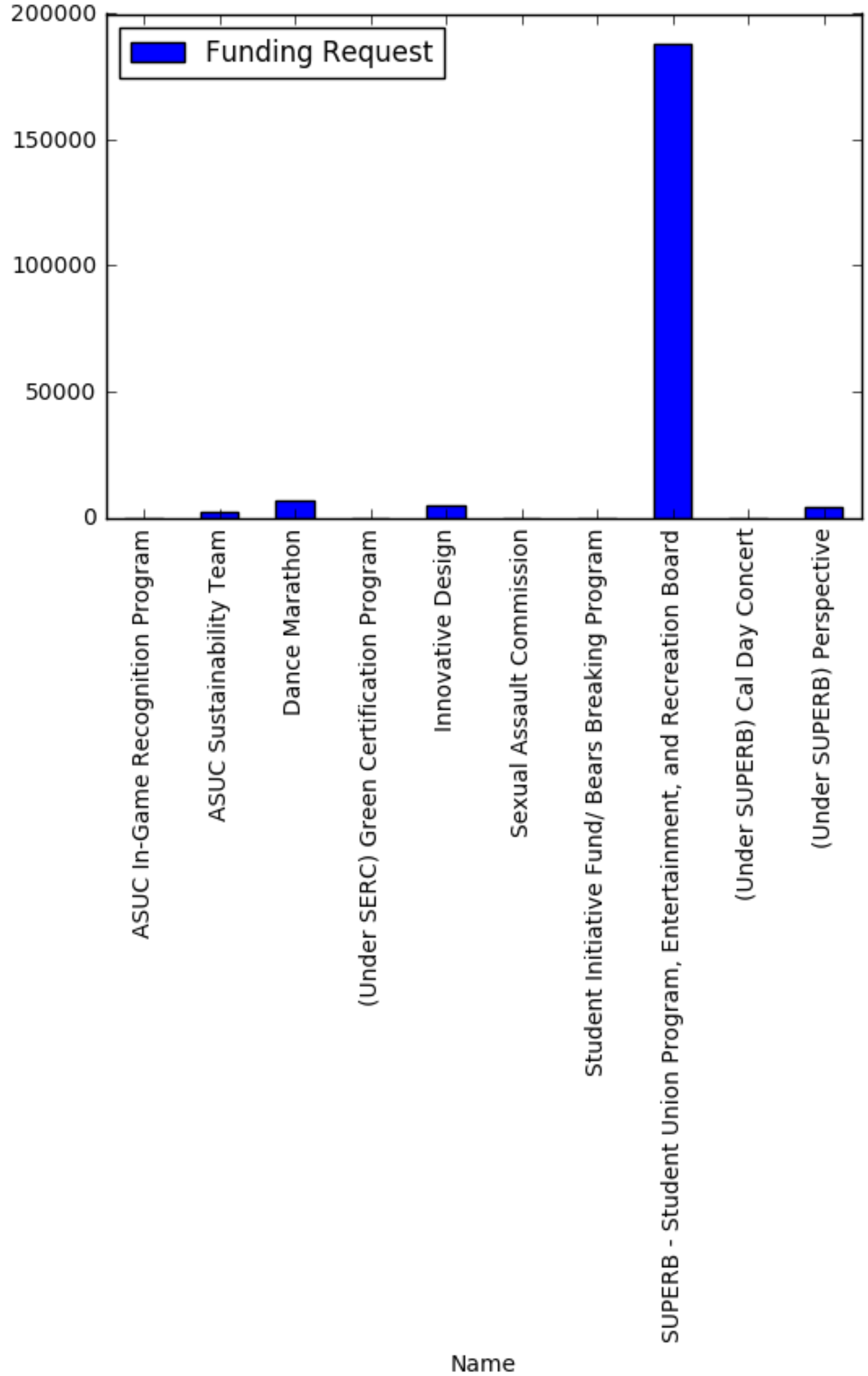
```
1    SISG
1    SISG
1    SISG
1    SISG
Name: Type, dtype: object
```

```
<matplotlib.figure.Figure at 0x1144ac208>
```



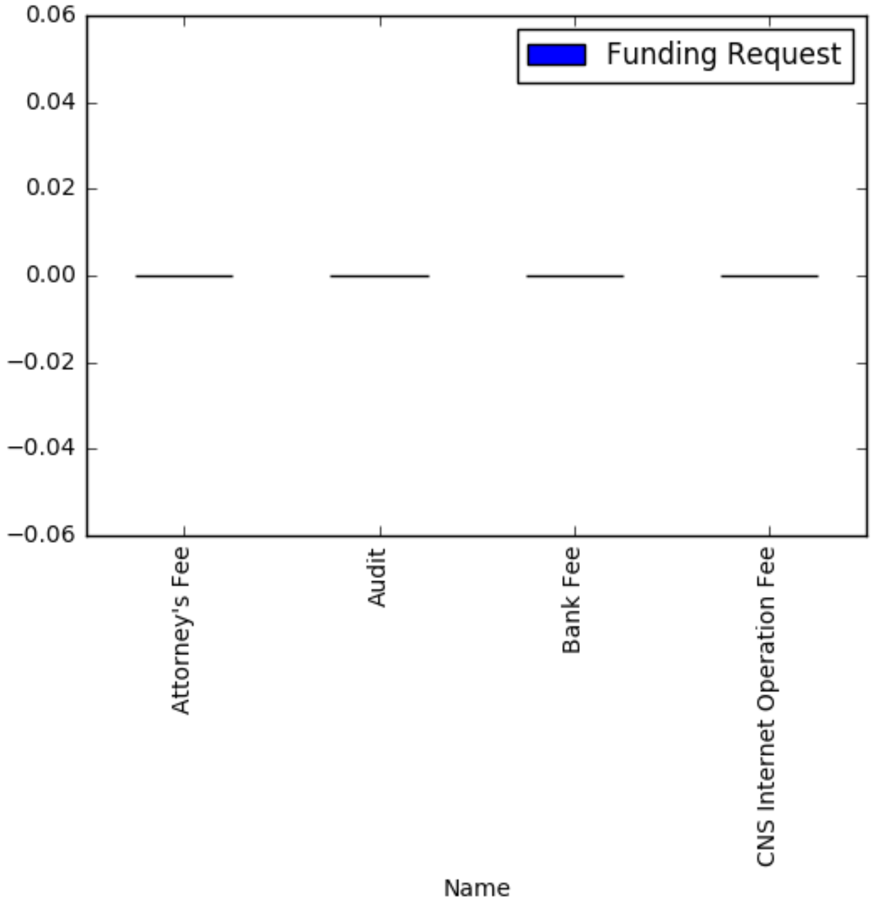
ASUC

```
<matplotlib.figure.Figure at 0x113b8cf98>
```


Funding Request
200000
150000
100000
50000
0
ASUC In-Game Recognition Program
ASUC Sustainability Team
Dance Marathon
(Under SERC) Green Certification Program
Innovative Design
Sexual Assault Commission
Student Initiative Fund/ Bears Breaking Program
SUPERB - Student Union Program, Entertainment, and Recreation Board
(Under SUPERB) Cal Day Concert
(Under SUPERB) Perspective
Name

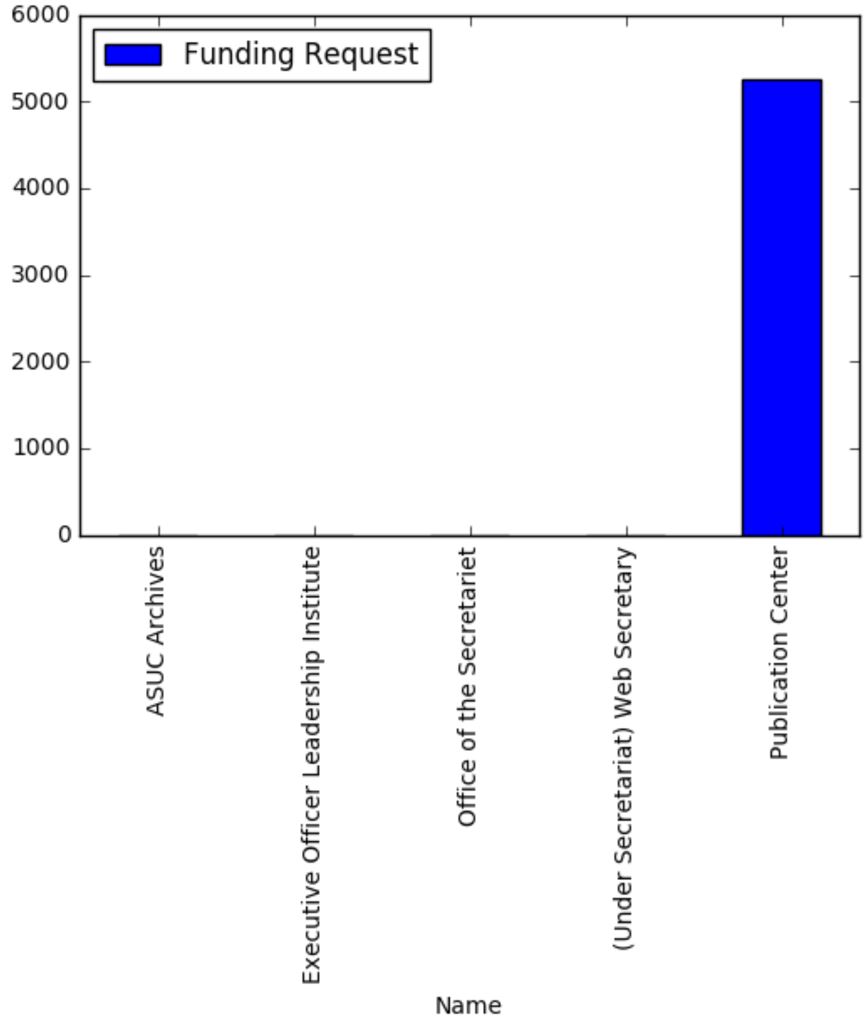
```
ASUC
```

```
<matplotlib.figure.Figure at 0x1144873c8>
```


0.06
0.04
0.02
0.00
−0.02
−0.04
−0.06
Funding Request
Attorney's Fee
Audit
Bank Fee
CNS Internet Operation Fee
Name

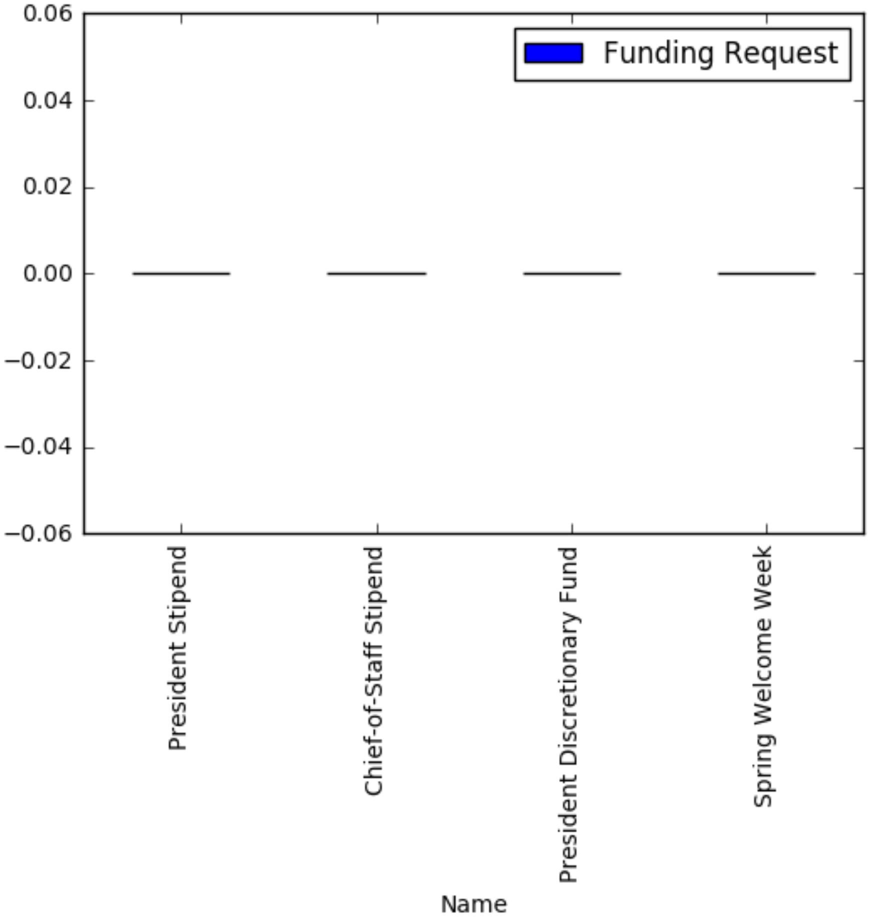
```
LEAD
```

```
<matplotlib.figure.Figure at 0x1137e5198>
```


6000
5000
4000
3000
2000
1000
0
Funding Request
ASUC Archives
Executive Officer Leadership Institute
Office of the Secretariet
(Under Secretariat) Web Secretary
Publication Center
Name

```
OP
```

```
<matplotlib.figure.Figure at 0x113bc18d0>
```

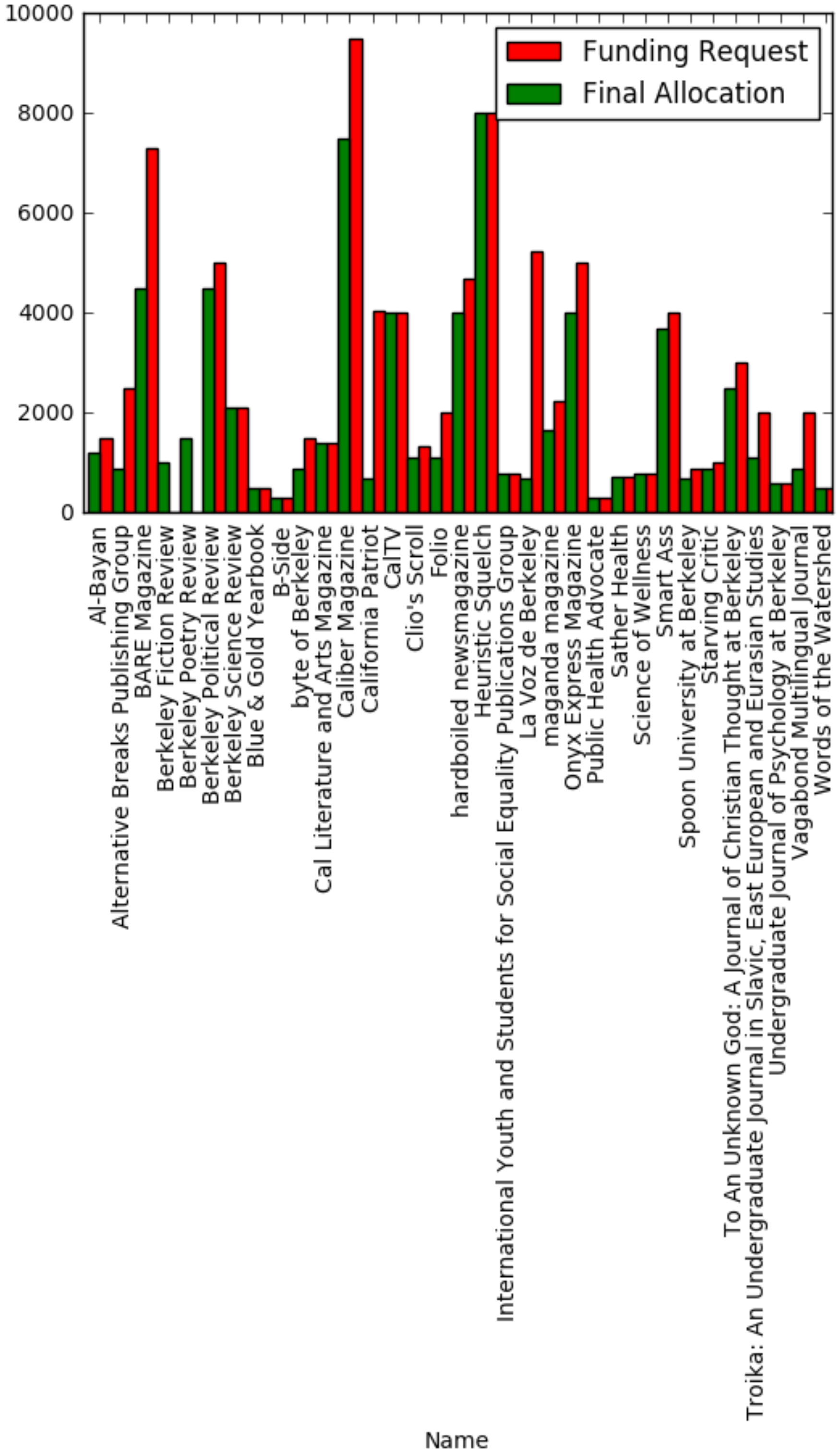


Money Requested vs. Allocated by Organization Type

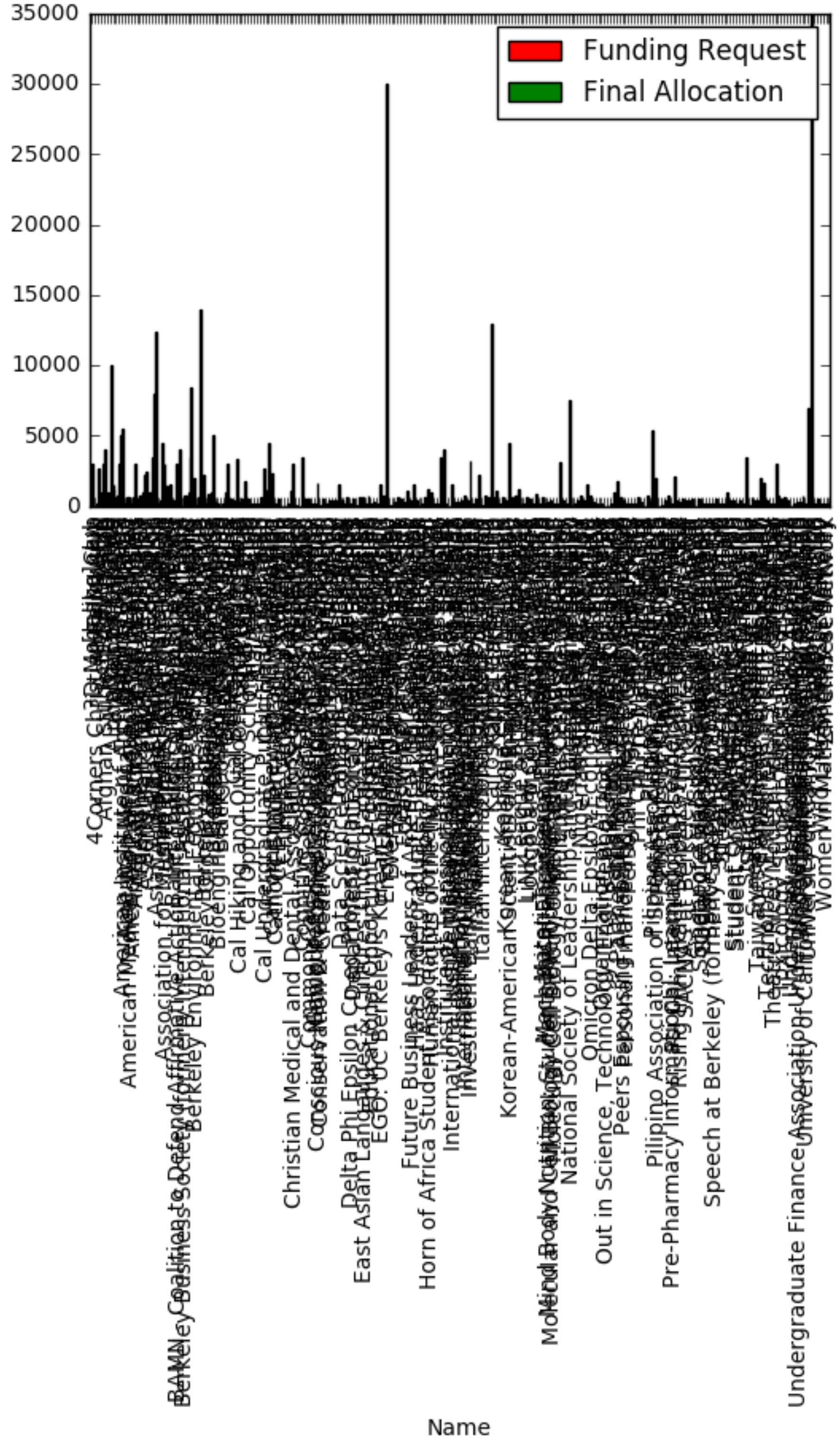
In [181]:

```
for i in range(len(categories)):
    print(categories[i]['Type'][1])

    fig = plt.figure()
    ax = fig.add_subplot(111)

    categories[i].plot(kind='bar', color='red', ax=ax, position=0, x='Name',y='Funding Request')
    categories[i].plot(kind='bar', color='green', ax=ax, position=1, x='Name',y='Final Allocation')
    plt.show()
```

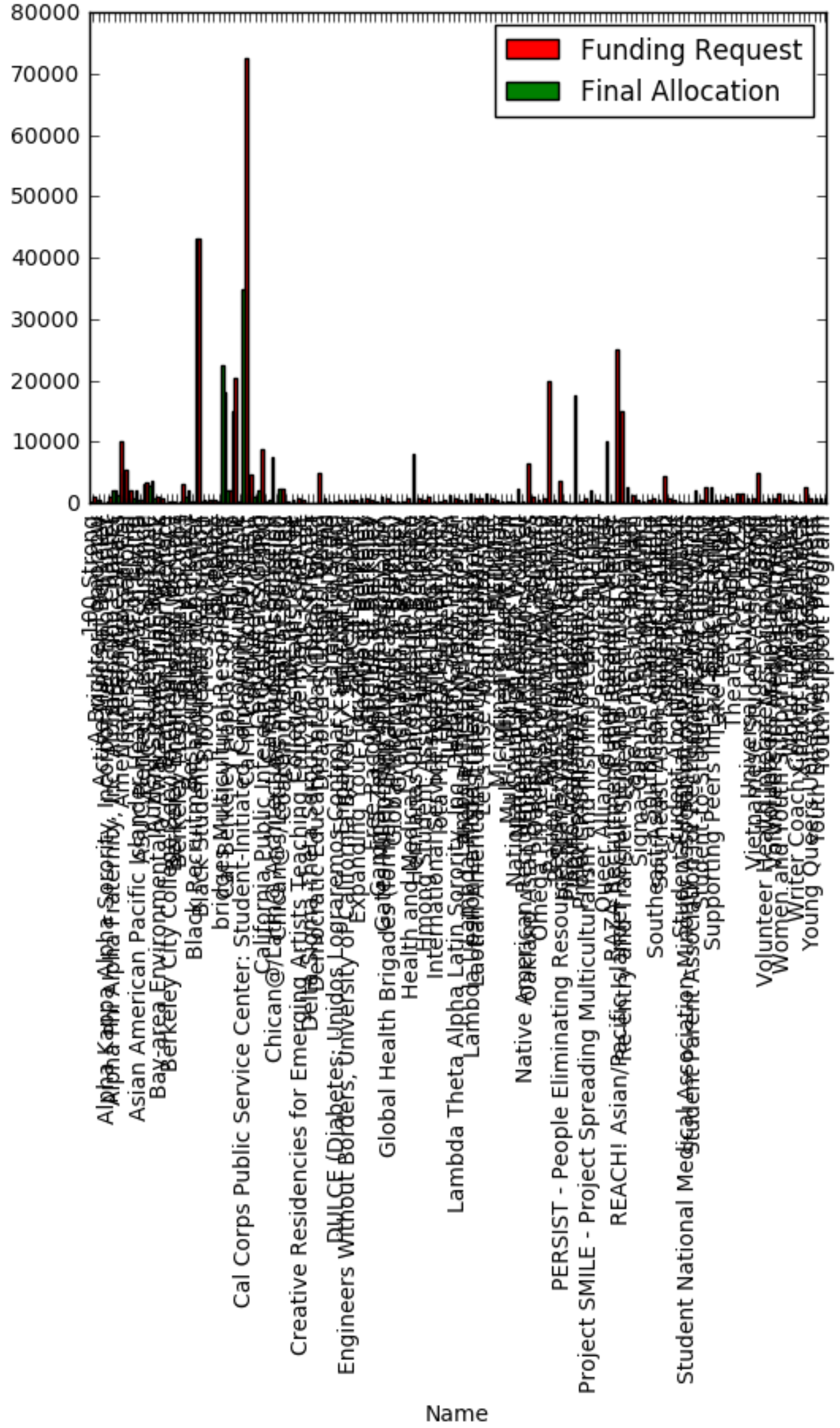
```
PUB
```



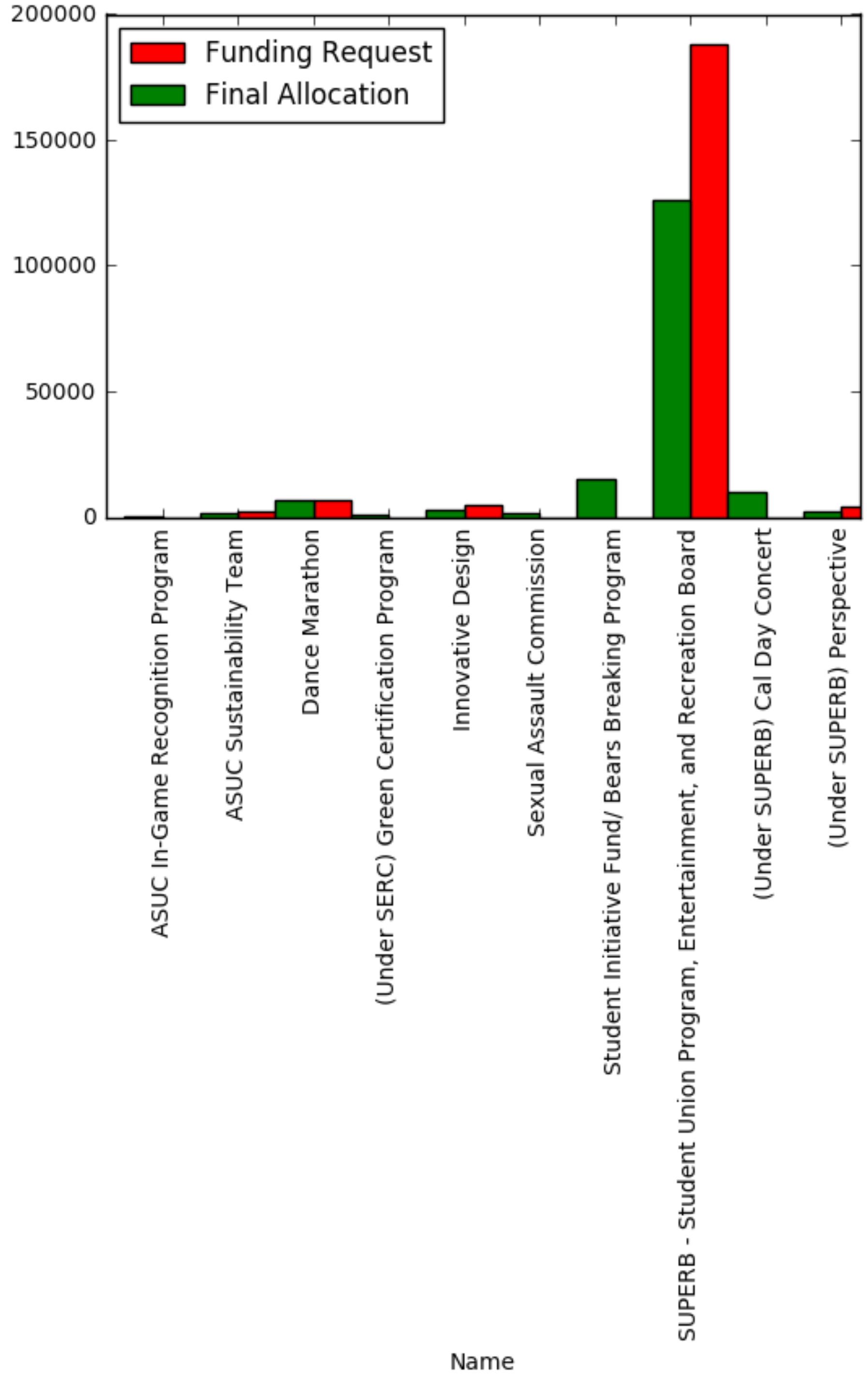
```
1    SAG
1    SAG
1    SAG
1    SAG
1    SAG
1    SAG
Name: Type, dtype: object
```



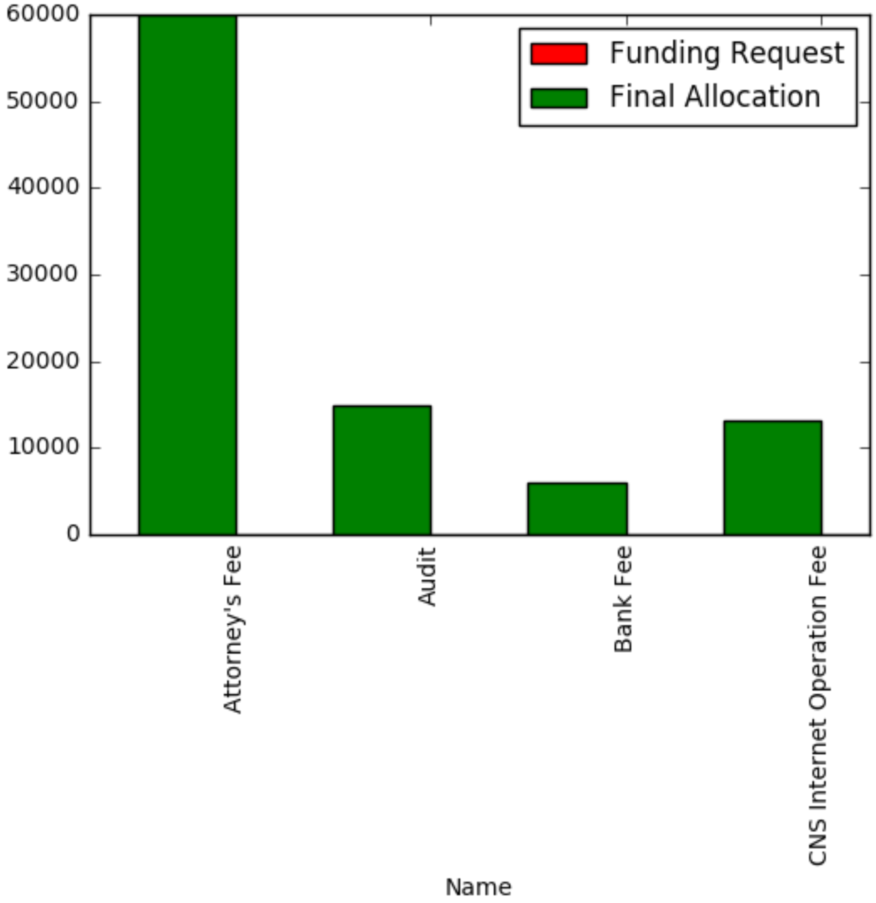
```
1    SISG
1    SISG
1    SISG
1    SISG
Name: Type, dtype: object
```


80000
70000
60000
50000
40000
30000
20000
10000
0
Funding Request
Final Allocation
100 Strong
Alpha Kappa Alpha Sorority, Inc.
Asian American Pacific Islander
Bay-area Environmental
Berkeley City College
Black Recruitment
Black Student
bridges Multicultural Resource
Cal Corps Public Service Center: Student-Initiated
California Public Interest
Chican@/Latin@
Creative Residencies for Emerging Artists Teaching
Democratic Education
DULCE (Diabetes: Unidos Logramos Controlar
Engineers Without Borders, University of
Expanding Your
Global Health Brigades
Health and Medicine
Hmong
International
Lambda Theta Alpha Latin Sorority
Native American
PERSIST - People Eliminating Resource
Project SMILE - Project Spreading Multicultural
REACH! Asian/Pacific Islander
Re-entry and Transfer
Sigma
Southeast Asian
Student National Medical Association
Student Parent Association
Supporting Peers In
Theatre
Volunteer
Vietnamese
Women and
Writer Coach
Young Queers
Youth Support Program
Name

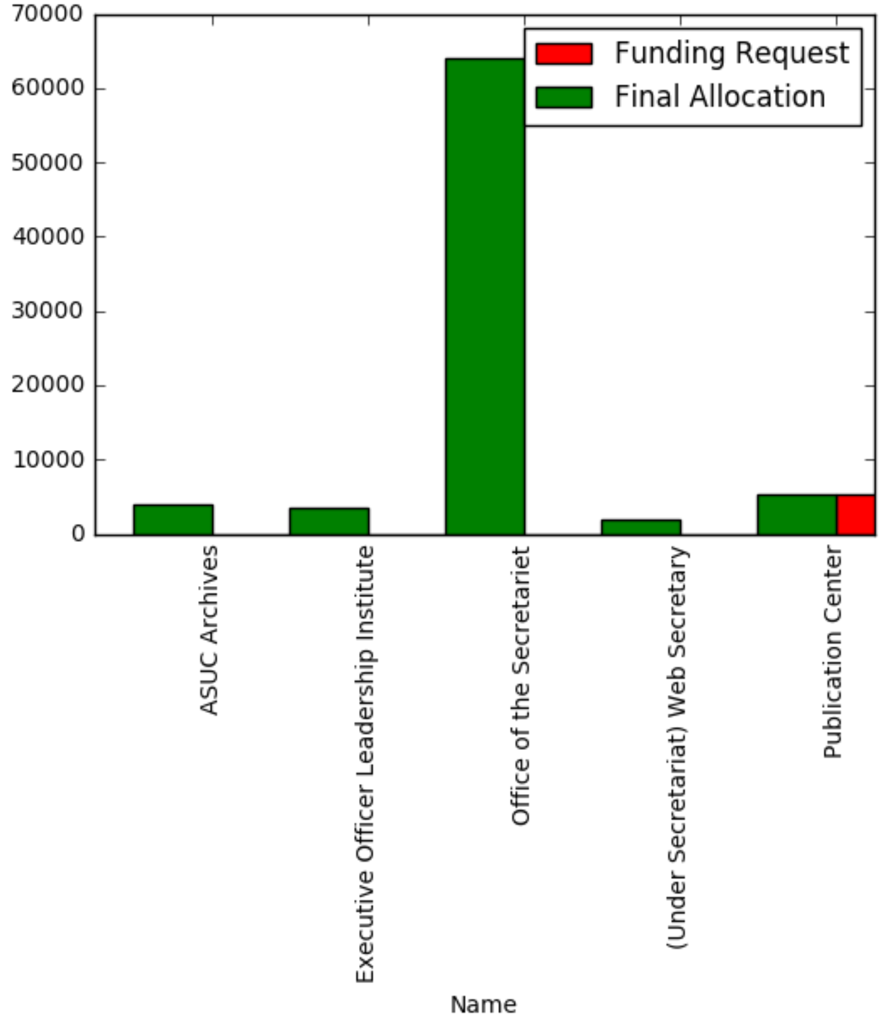
ASUC


200000
150000
100000
50000
0
🟥 Funding Request
🟩 Final Allocation
ASUC In-Game Recognition Program
ASUC Sustainability Team
Dance Marathon
(Under SERC) Green Certification Program
Innovative Design
Sexual Assault Commission
Student Initiative Fund/ Bears Breaking Program
SUPERB - Student Union Program, Entertainment, and Recreation Board
(Under SUPERB) Cal Day Concert
(Under SUPERB) Perspective
Name

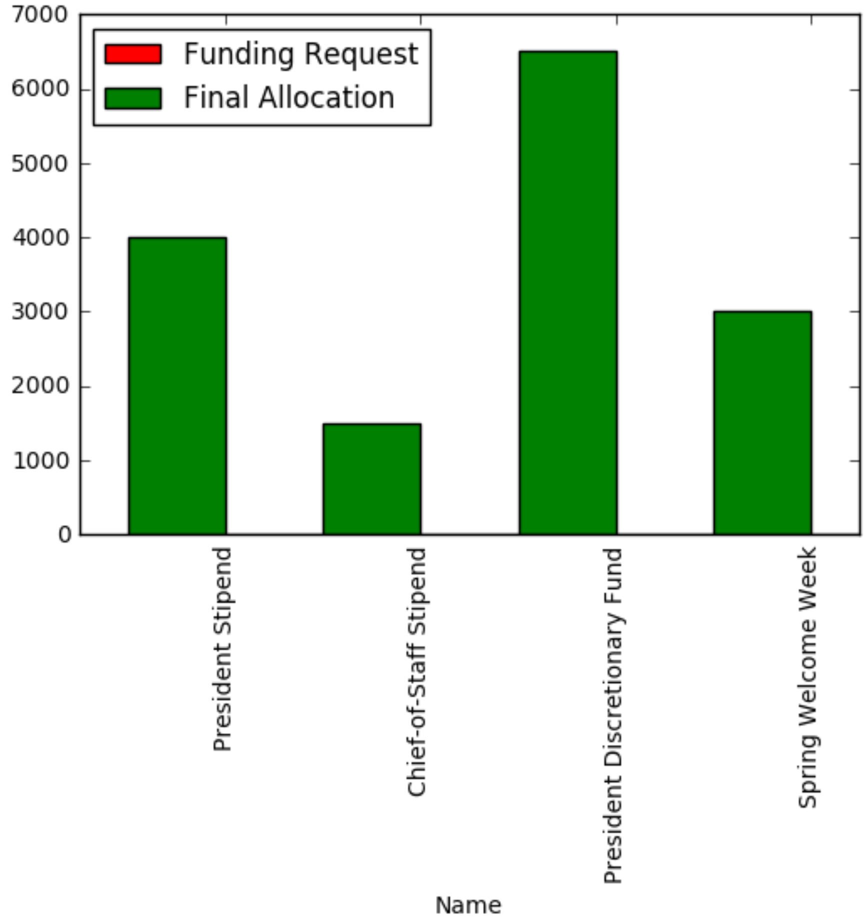
```
ASUC
```


60000
50000
40000
30000
20000
10000
0
🟥 Funding Request
🟩 Final Allocation
Attorney's Fee
Audit
Bank Fee
CNS Internet Operation Fee
Name

```
LEAD
```


70000
60000
50000
40000
30000
20000
10000
0
🟥 Funding Request
🟩 Final Allocation
ASUC Archives
Executive Officer Leadership Institute
Office of the Secretariet
(Under Secretariat) Web Secretary
Publication Center
Name

```
OP
```

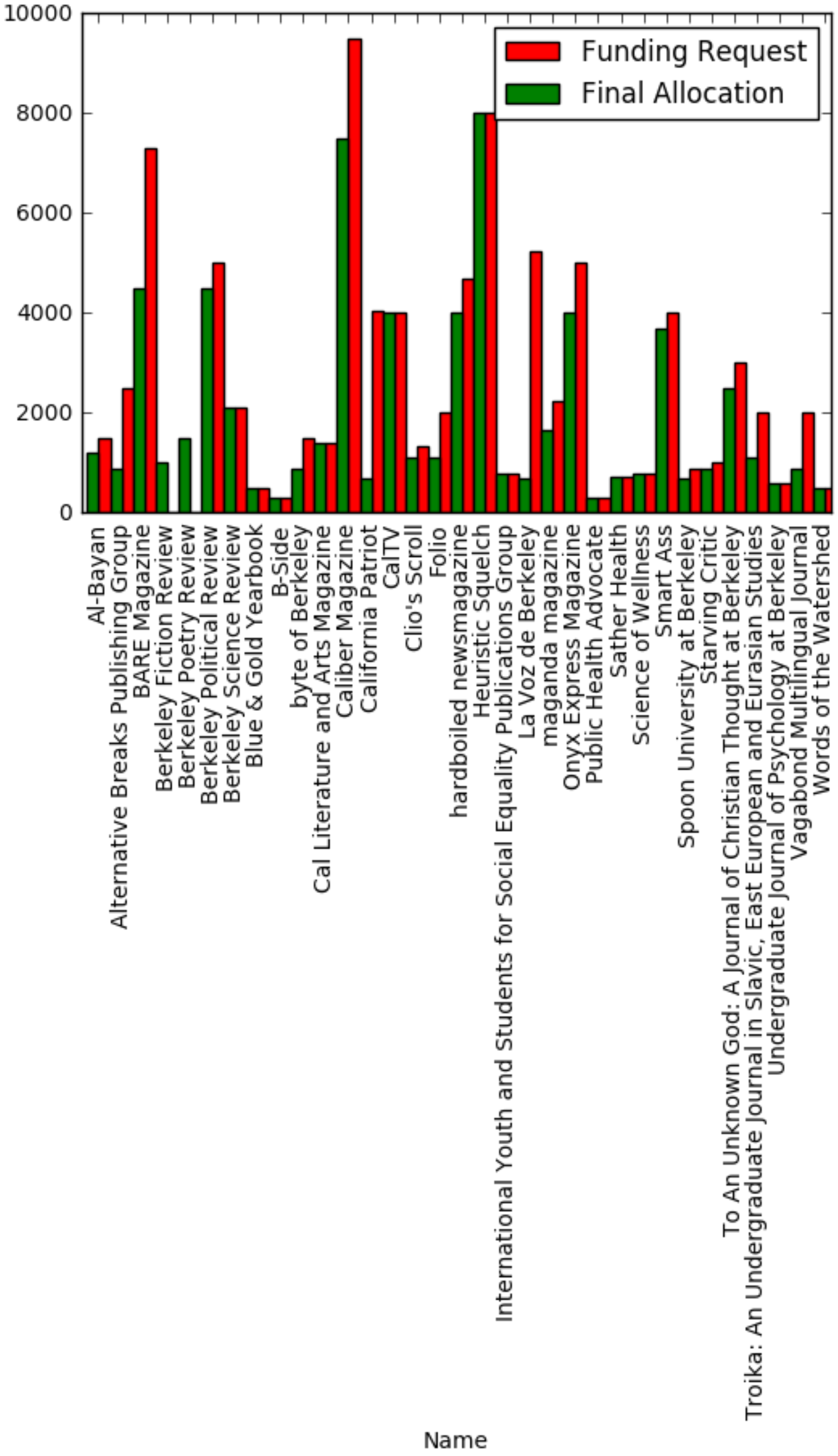


Money Requested vs. Allocated by Organization Type

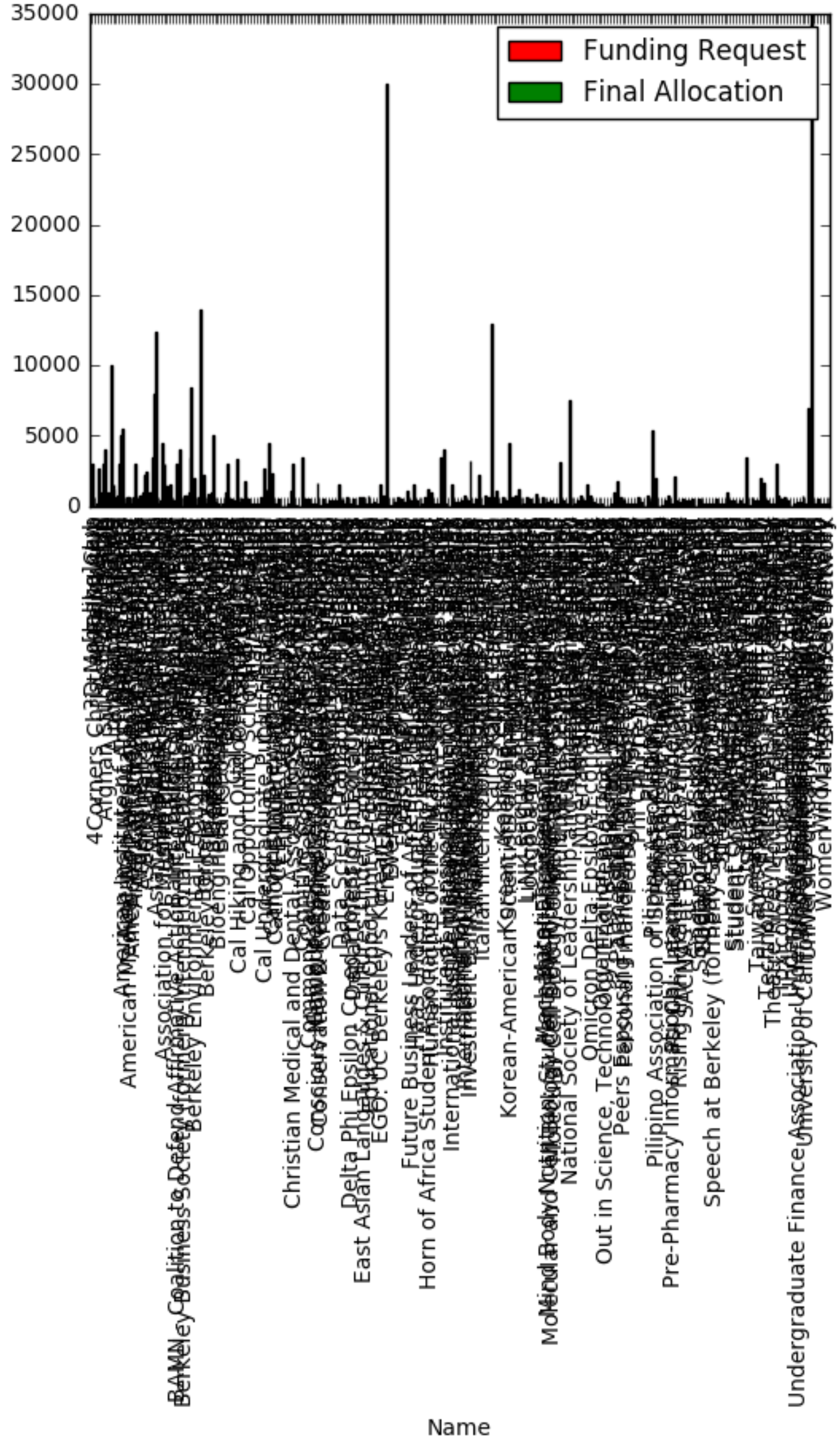
In [182]:

```
for i in range(len(categories)):
    print(categories[i]['Type'][1])

    fig = plt.figure()
    ax = fig.add_subplot(111)

    categories[i].plot(kind='bar', color='red', ax=ax, position=0, x='Name',y='Funding Request')
    categories[i].plot(kind='bar', color='green', ax=ax, position=1, x='Name',y='Final Allocation')
    plt.show()
```

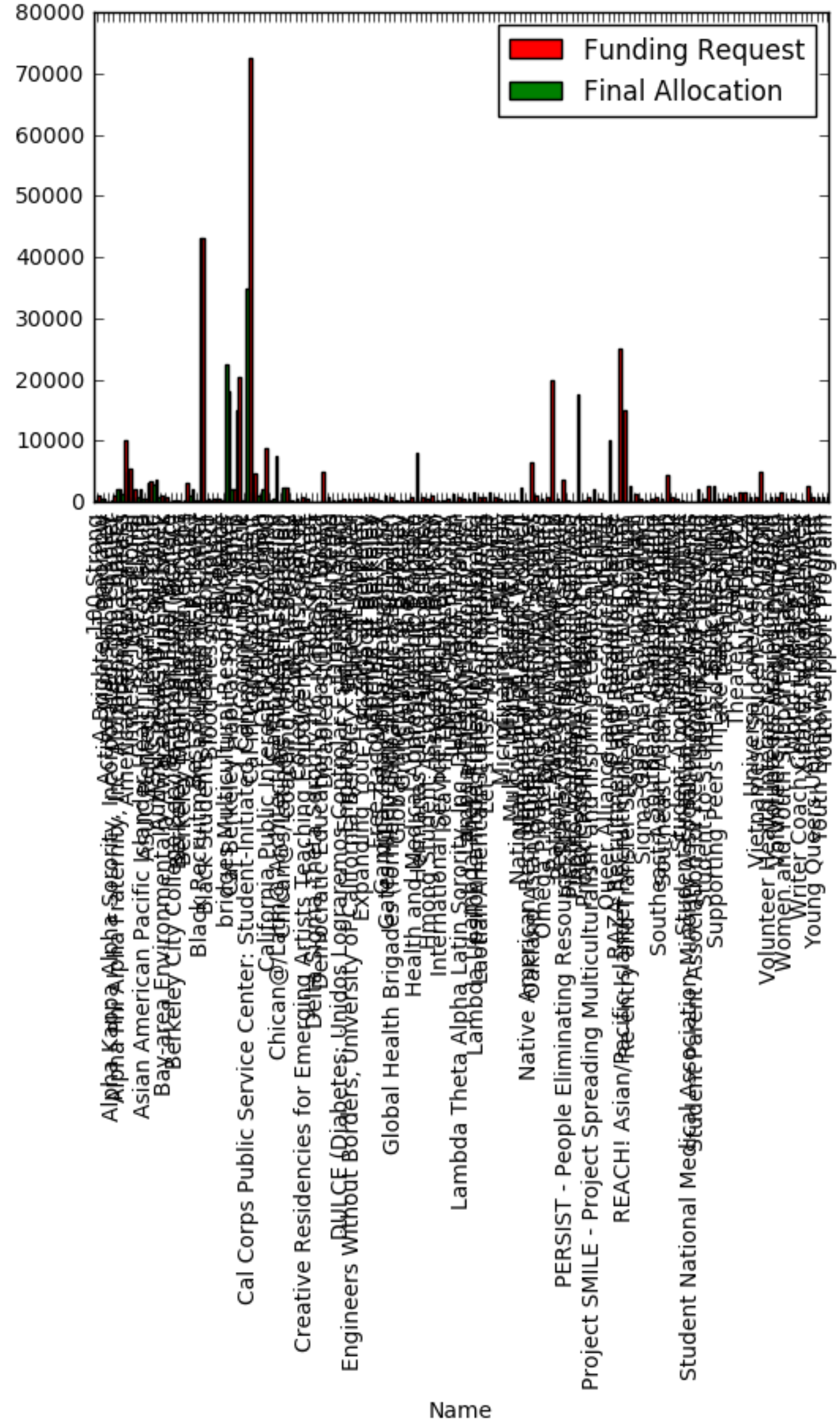
```
PUB
```



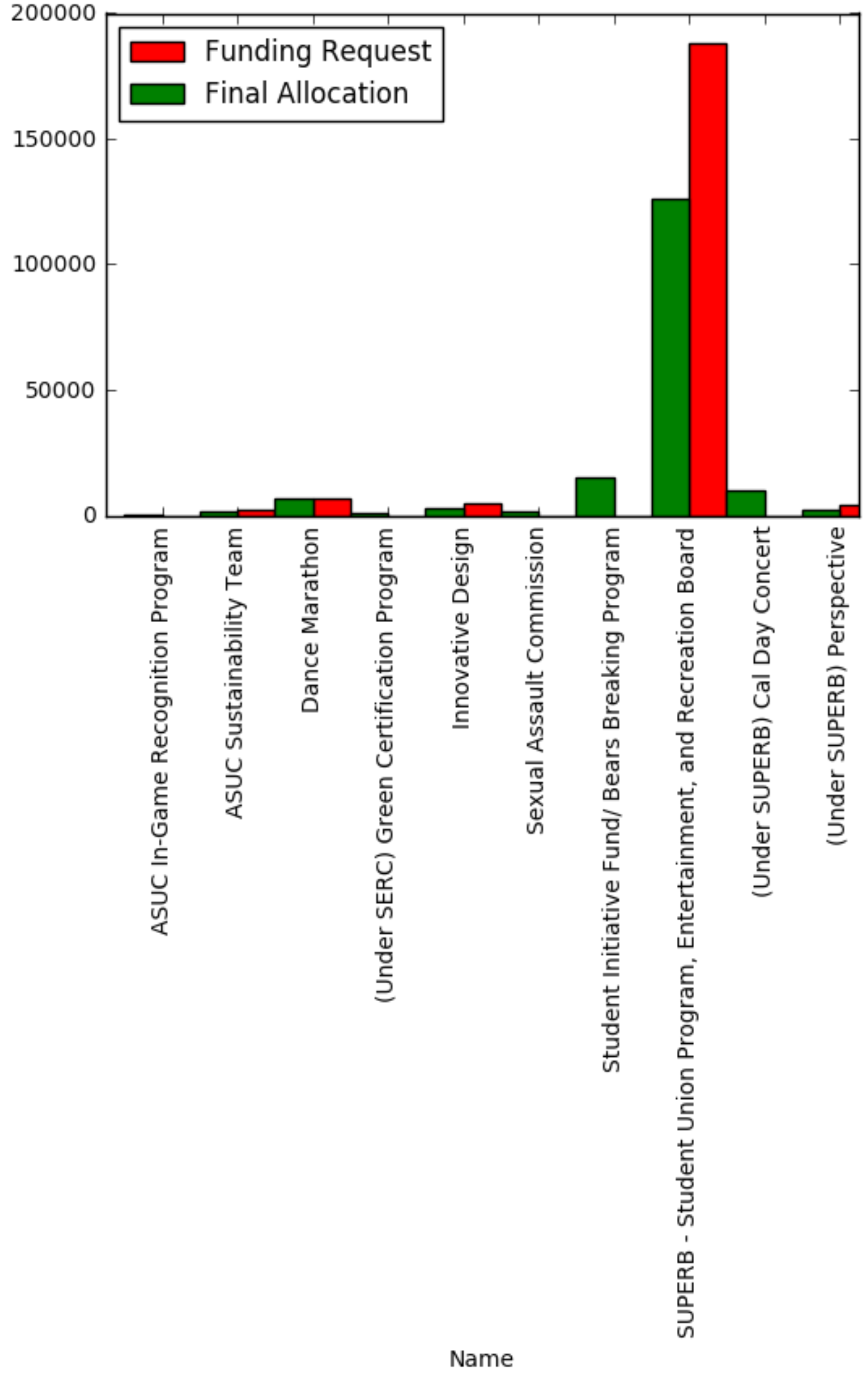
```
1    SAG
1    SAG
1    SAG
1    SAG
1    SAG
1    SAG
Name: Type, dtype: object
```



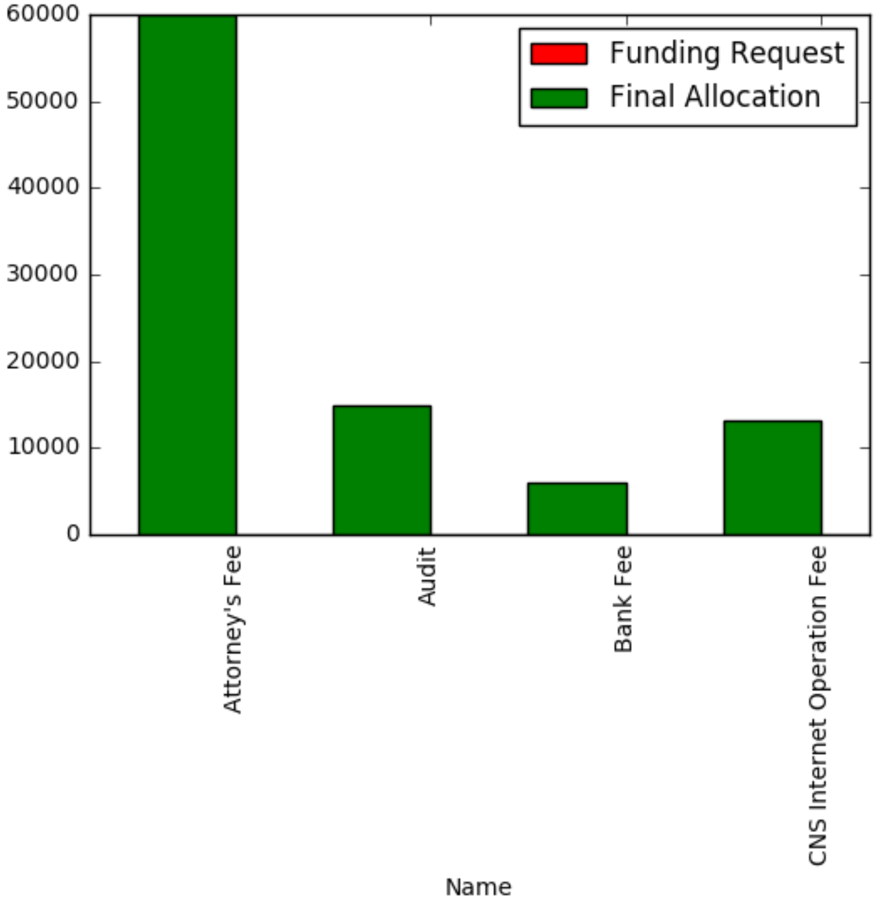
```
1    SISG
1    SISG
1    SISG
1    SISG
Name: Type, dtype: object
```


80000
70000
60000
50000
40000
30000
20000
10000
0
Funding Request
Final Allocation
100 Strong
Alpha Kappa Alpha Sorority, Inc.
Asian American Pacific Islander
Bay-area Environmental
Berkeley City College
Black Recruitment
Black Student
bridges Multicultural Resource
Cal Corps Public Service Center: Student-Initiated
California Public In
Chican@/Latin@
Creative Residencies for Emerging Artists Teaching
DULCE (Diabetes: Unidos Logramos Controlar
Engineers Without Borders, University of
Global Health Brigades
Health and Medicine
Lambda Theta Alpha Latin Sorority
Native American
PERSIST - People Eliminating Resource
Project SMILE - Project Spreading Multicultural
REACH! Asian/Pacific Islander
Re-entry and Transfer
Southeast Asian
Student National Medical Association
Student Parent Association
Supporting Peers In
Theatre
Volunteer
Women and
Writer Coach
Young Queers
Youth Support Program
Name

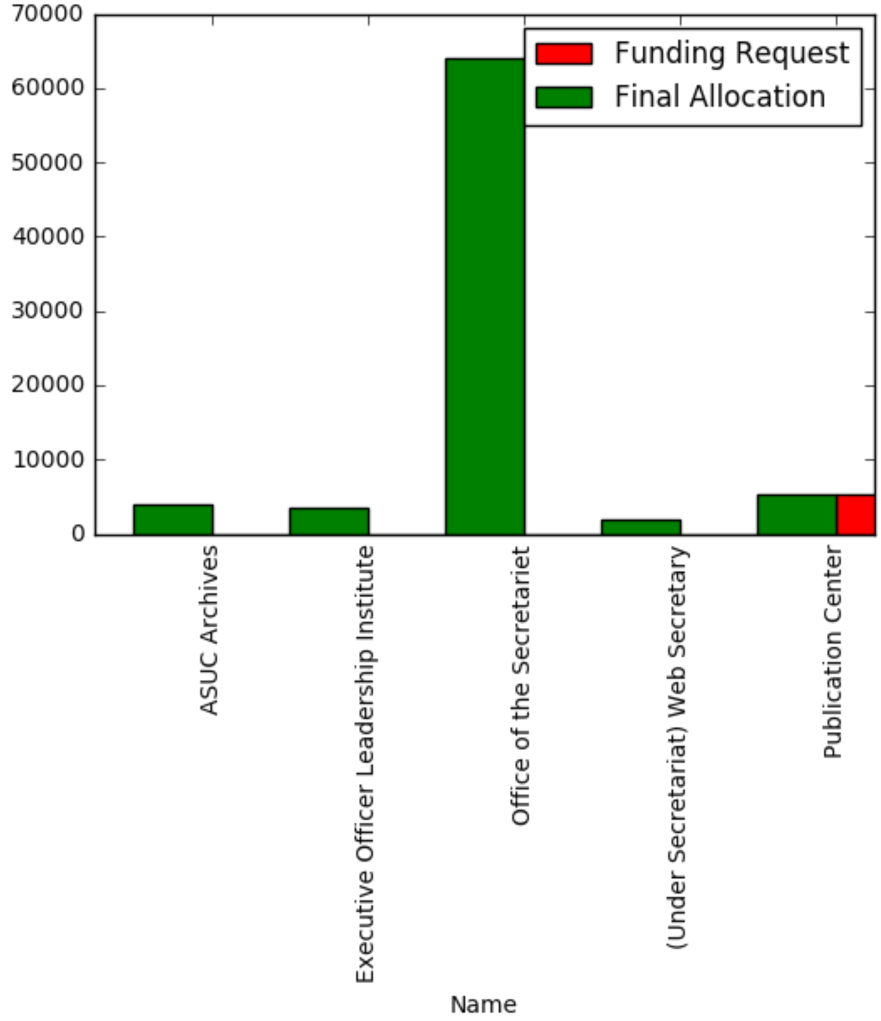
```
ASUC
```


200000
150000
100000
50000
0
🟥 Funding Request
🟩 Final Allocation
ASUC In-Game Recognition Program
ASUC Sustainability Team
Dance Marathon
(Under SERC) Green Certification Program
Innovative Design
Sexual Assault Commission
Student Initiative Fund/ Bears Breaking Program
SUPERB - Student Union Program, Entertainment, and Recreation Board
(Under SUPERB) Cal Day Concert
(Under SUPERB) Perspective
Name

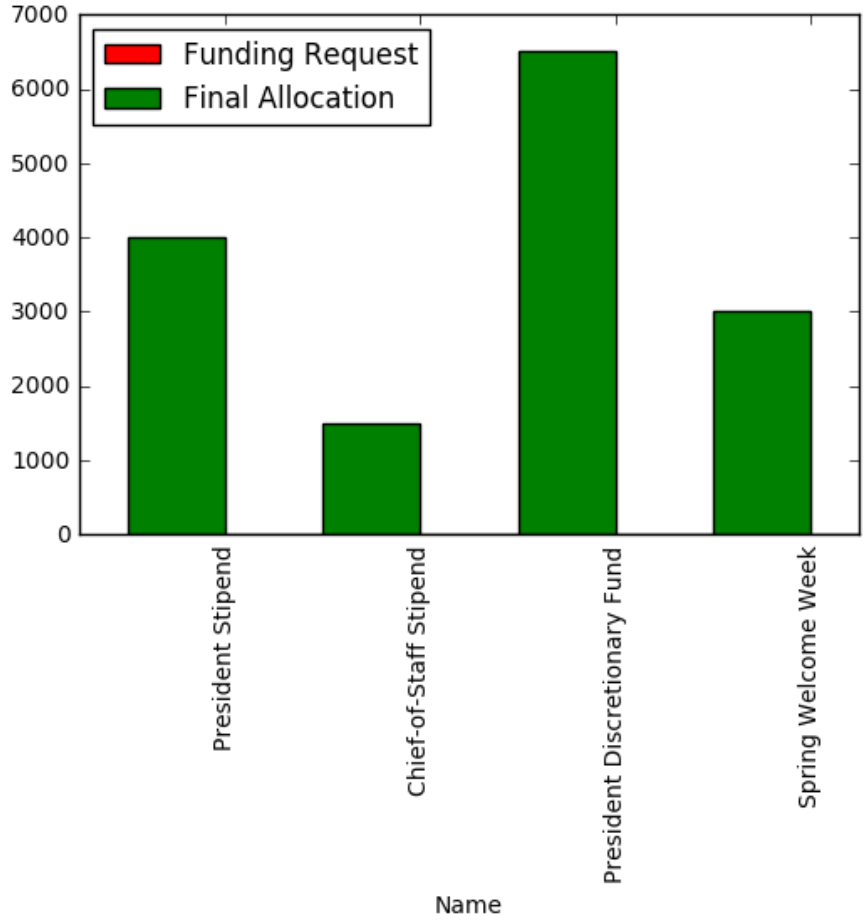
```
ASUC
```


60000
50000
40000
30000
20000
10000
0
🟥 Funding Request
🟩 Final Allocation
Attorney's Fee
Audit
Bank Fee
CNS Internet Operation Fee
Name

```
LEAD
```


70000
60000
50000
40000
30000
20000
10000
0
🟥 Funding Request
🟩 Final Allocation
ASUC Archives
Executive Officer Leadership Institute
Office of the Secretariet
(Under Secretariat) Web Secretary
Publication Center
Name

```
OP
```

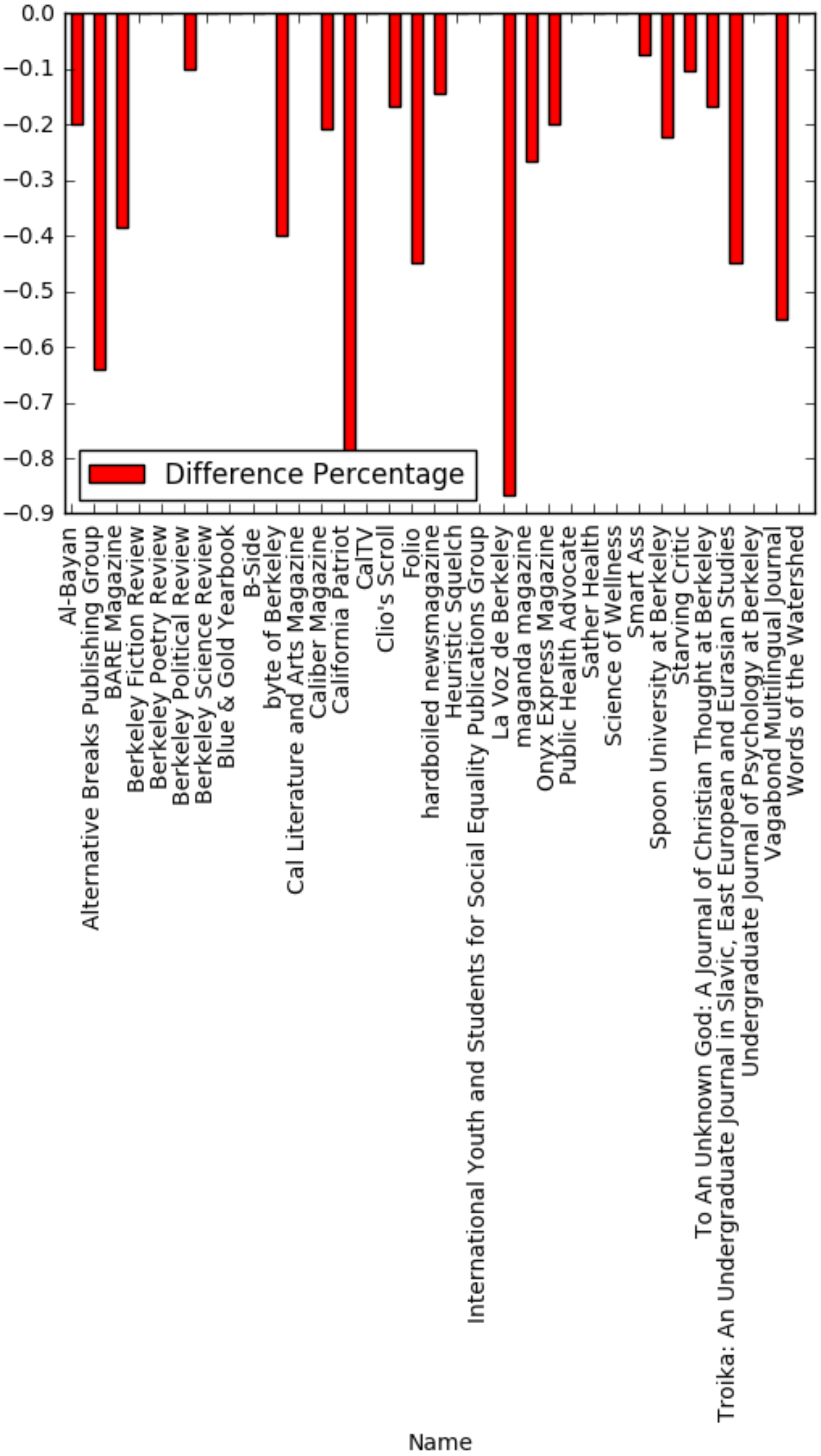


Difference in Money Percentage Requested vs. Allocated by Organization Type

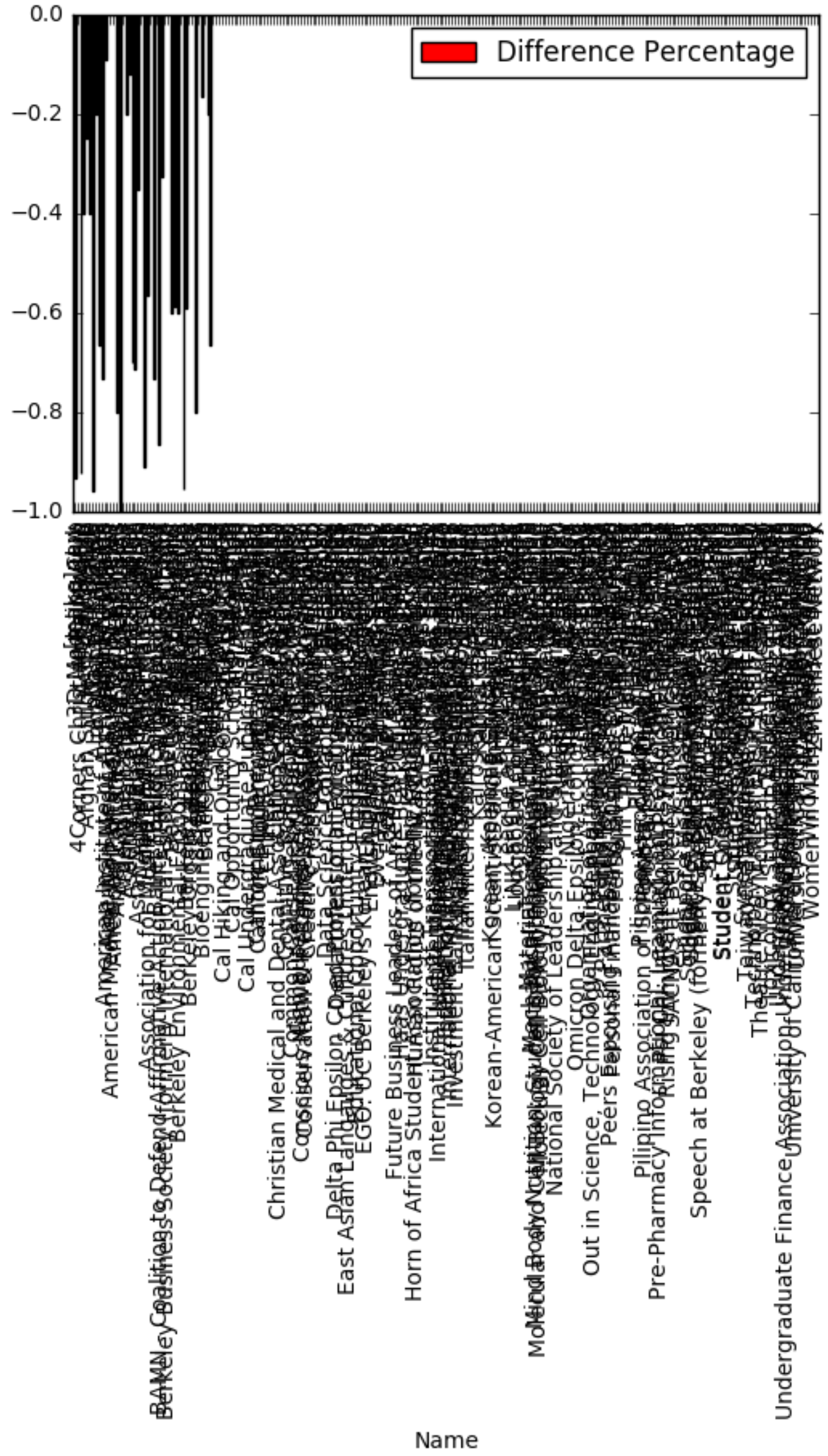
In [183]:

```
for i in range(len(categories)):
    print(categories[i]['Type'][1])

    fig = plt.figure()
    ax = fig.add_subplot(111)

    categories[i].plot(kind='bar', color='red', ax=ax, position=0, x='Name',y='Di
fference Percentage')
    plt.show()
```

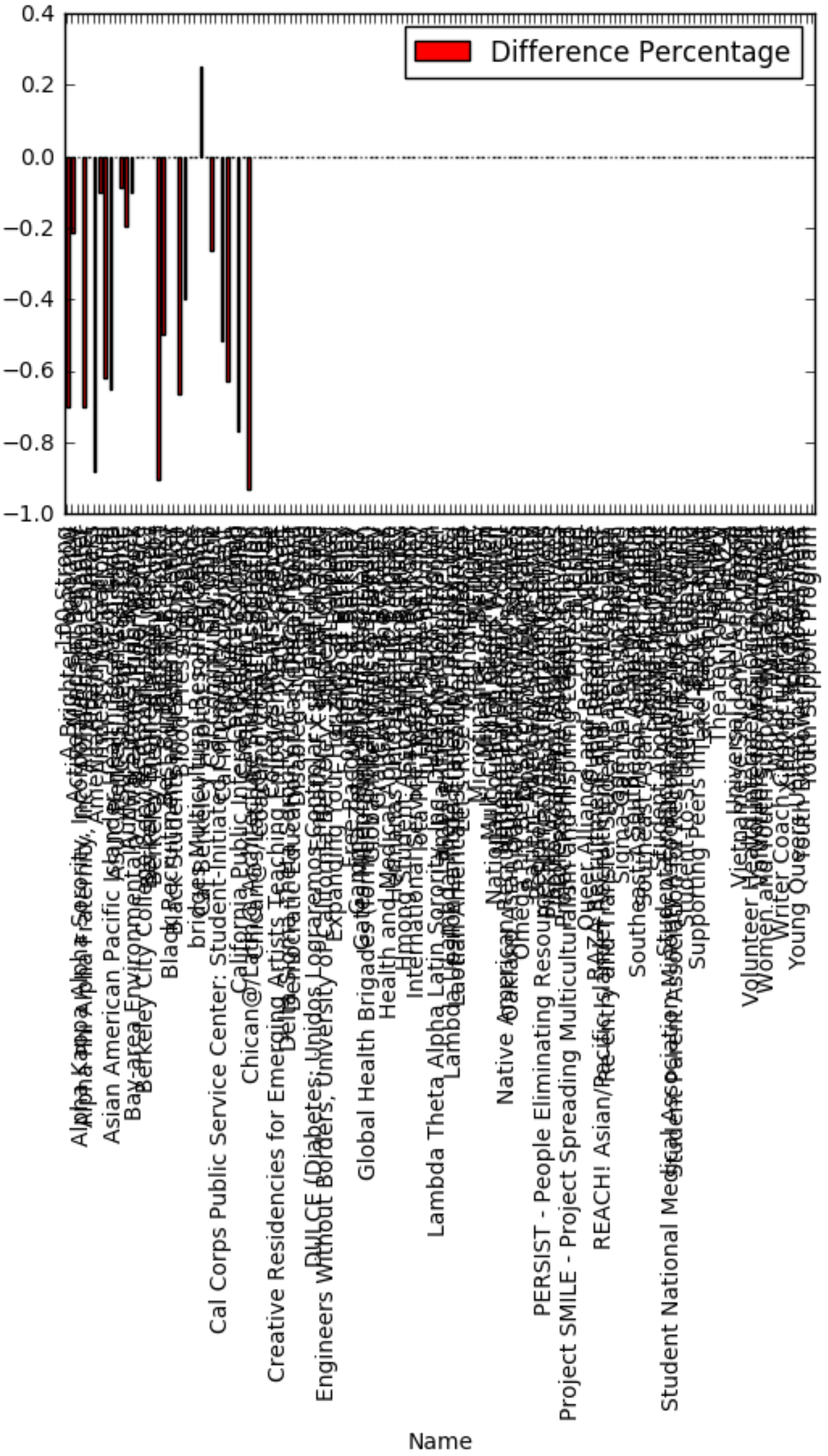
```
PUB
```



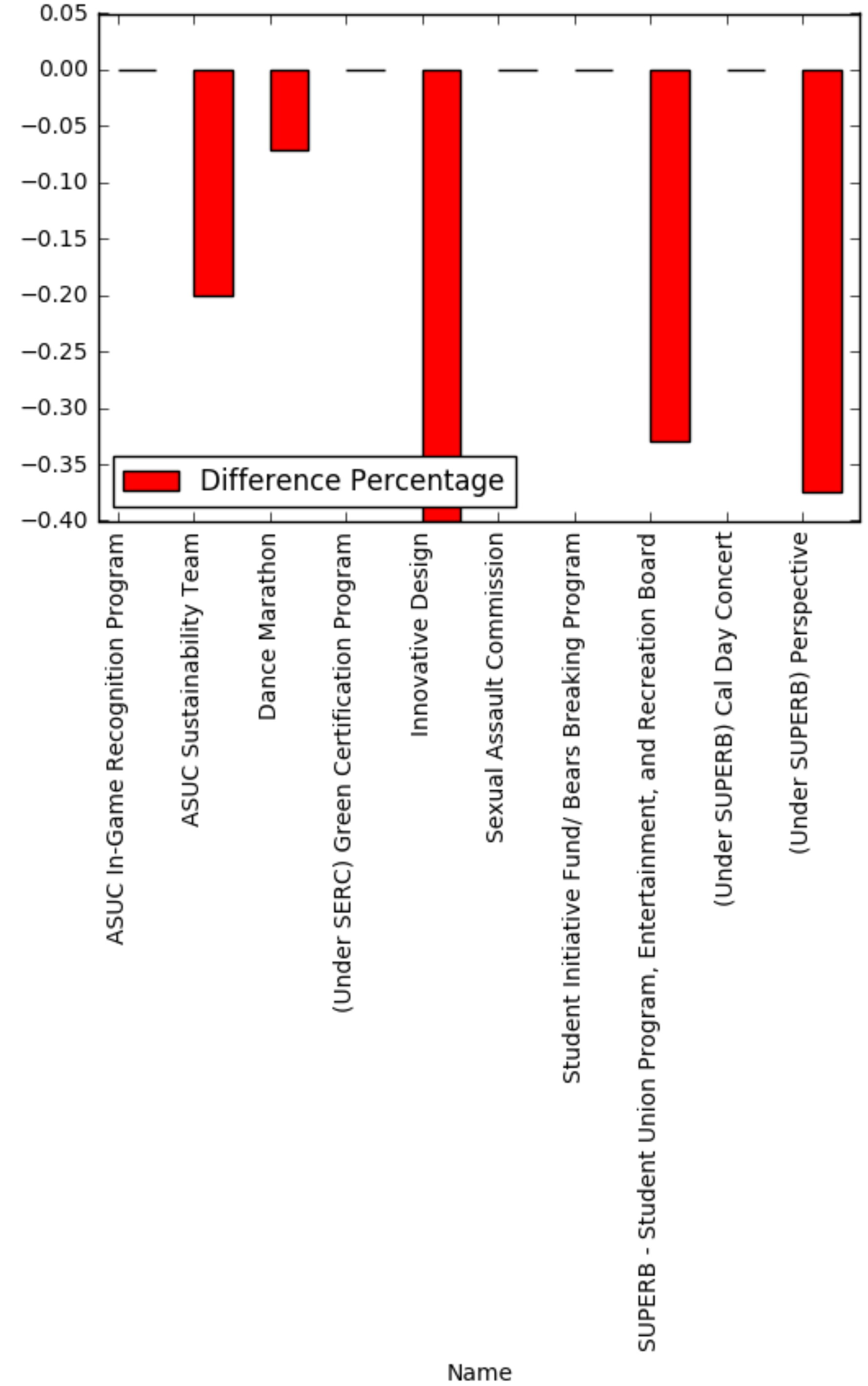
```
1    SAG
1    SAG
1    SAG
1    SAG
1    SAG
1    SAG
Name: Type, dtype: object
```



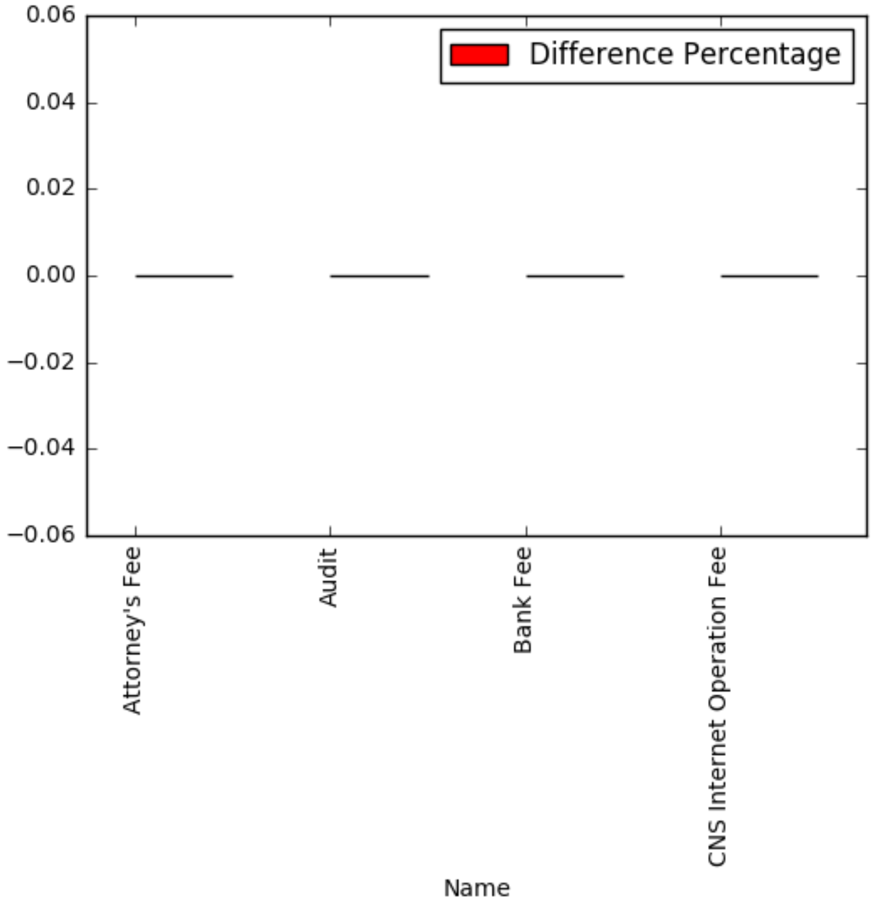
```
1    SISG
1    SISG
1    SISG
1    SISG
Name: Type, dtype: object
```


Difference Percentage
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
Name
Alpha Kappa Alpha Sorority, Inc.
Asian American Pacific Islander
Bay-area Environmental
Berkeley City College
Black Recruitment
bridges Multicultural Resource
Cal Corps Public Service Center: Student-Initiated
California Public Interest
Chican@/Latin@
Creative Residencies for Emerging Artists Teaching
DULCE (Diabetes: Unidos Logramos
Engineers Without Borders, University of
Global Health Brigades
Health and Medicine
Hmong Student
International
Lambda Theta Alpha Latin Sorority
Native American
Oakland
Omega
PERSIST - People Eliminating Resource
Project SMILE - Project Spreading Multicultural
REACH! Asian/Pacific
RAZA
Re-entry and Transfer
Sigma
Southeast Asian
Student National Medical Association
Student Parent Association
Supporting Peers In
Theatre
Vietnamese
Volunteer Universal
Women and
Writer Coach
Young Queer
Youth Support Program
100 Strong

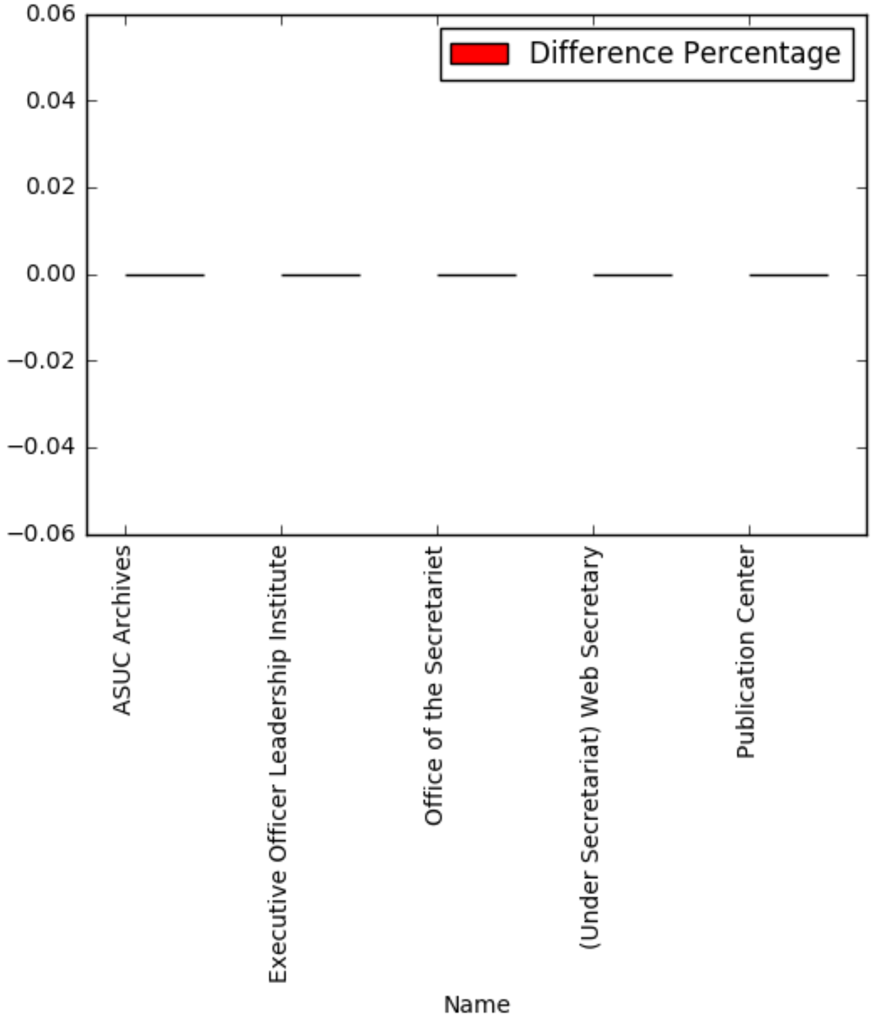
ASUC


0.05
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
−0.30
−0.35
−0.40
🟥 Difference Percentage
ASUC In-Game Recognition Program
ASUC Sustainability Team
Dance Marathon
(Under SERC) Green Certification Program
Innovative Design
Sexual Assault Commission
Student Initiative Fund/ Bears Breaking Program
SUPERB - Student Union Program, Entertainment, and Recreation Board
(Under SUPERB) Cal Day Concert
(Under SUPERB) Perspective
Name

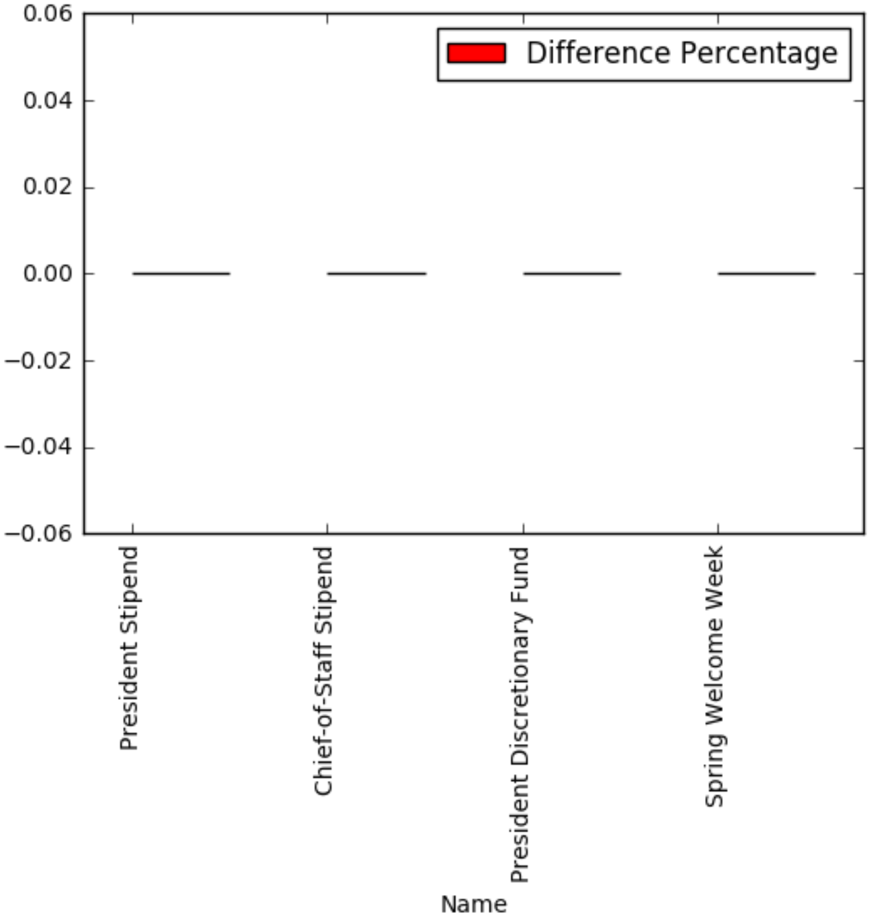
```
ASUC
```


0.06
0.04
0.02
0.00
−0.02
−0.04
−0.06
🟥 Difference Percentage
Attorney's Fee
Audit
Bank Fee
CNS Internet Operation Fee
Name

```
LEAD
```


0.06
0.04
0.02
0.00
−0.02
−0.04
−0.06
🟥 Difference Percentage
ASUC Archives
Executive Officer Leadership Institute
Office of the Secretariet
(Under Secretariat) Web Secretary
Publication Center
Name

```
OP
```



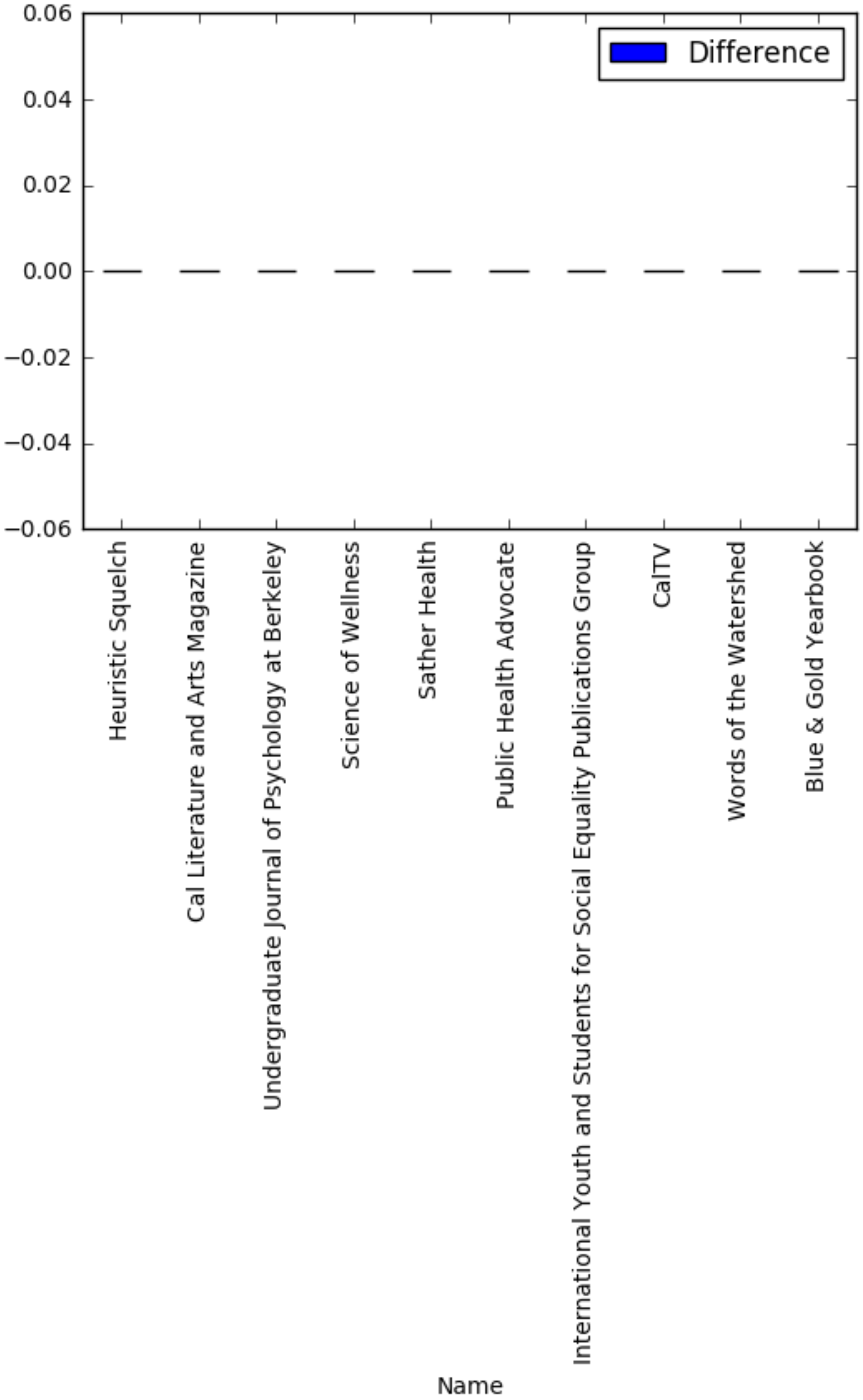
Top 10 Differences in Money Requested vs. Allocated by Organization Type

In [184]:

```
for i in range(len(categories)):
    print(categories[i]['Type'][1])

    plt.figure()
    categories[i].sort_values(['Difference'], ascending=False, inplace=False)[0:1
0].plot(kind='bar', x='Name',y='Difference')
    plt.show()
```

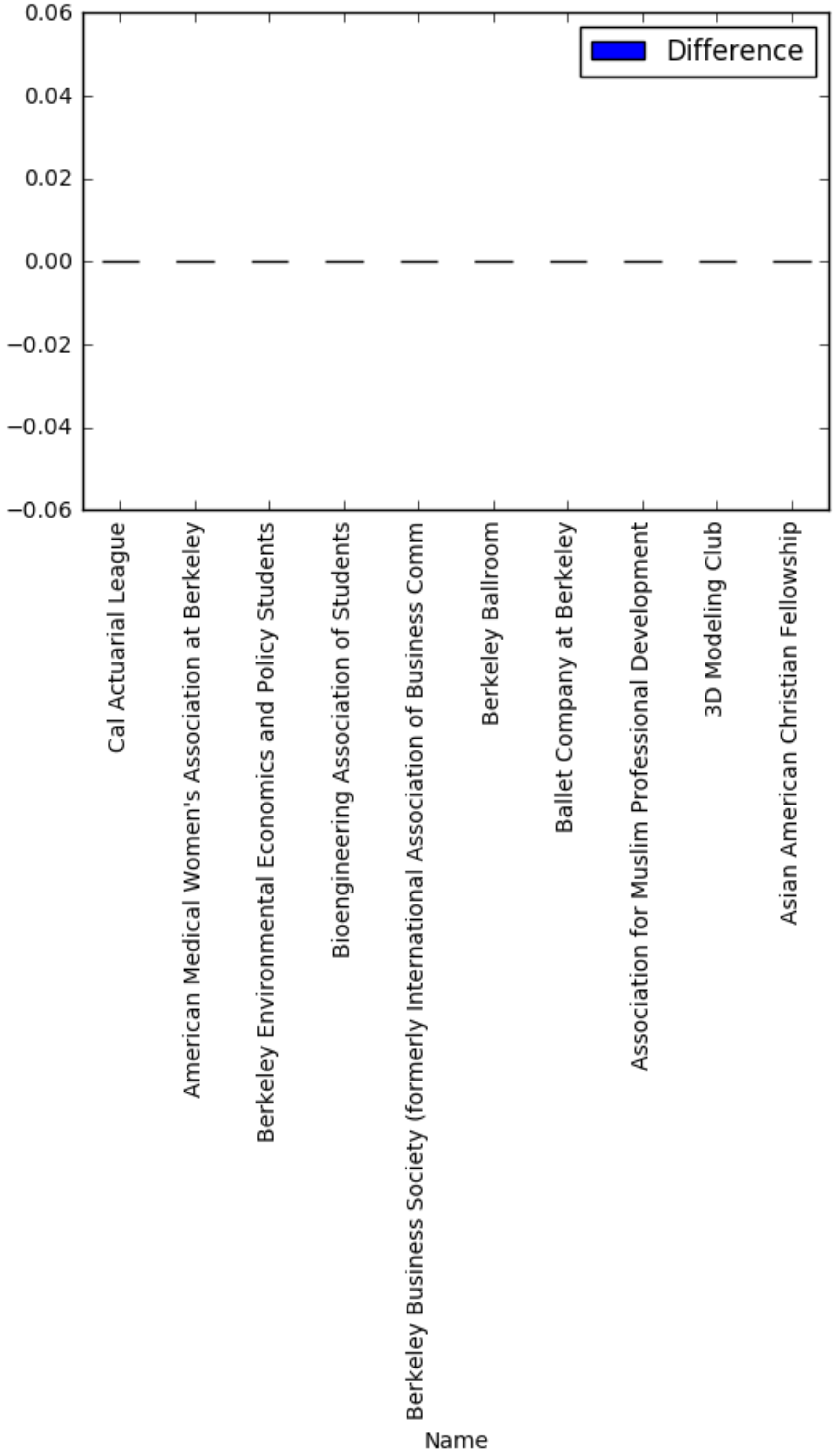
```
PUB
```

```
<matplotlib.figure.Figure at 0x115229da0>
```



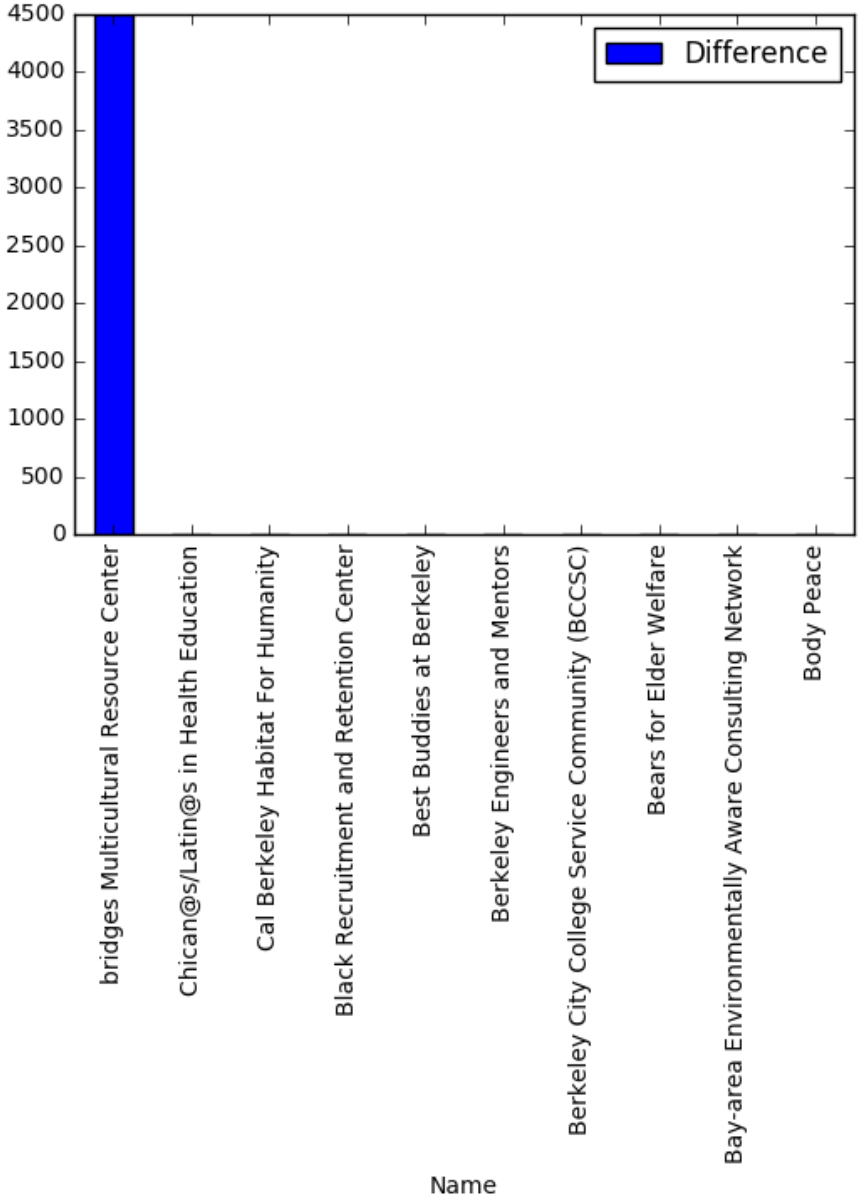
```
1    SAG
1    SAG
1    SAG
1    SAG
1    SAG
1    SAG
Name: Type, dtype: object
```

```
<matplotlib.figure.Figure at 0x11520a358>
```

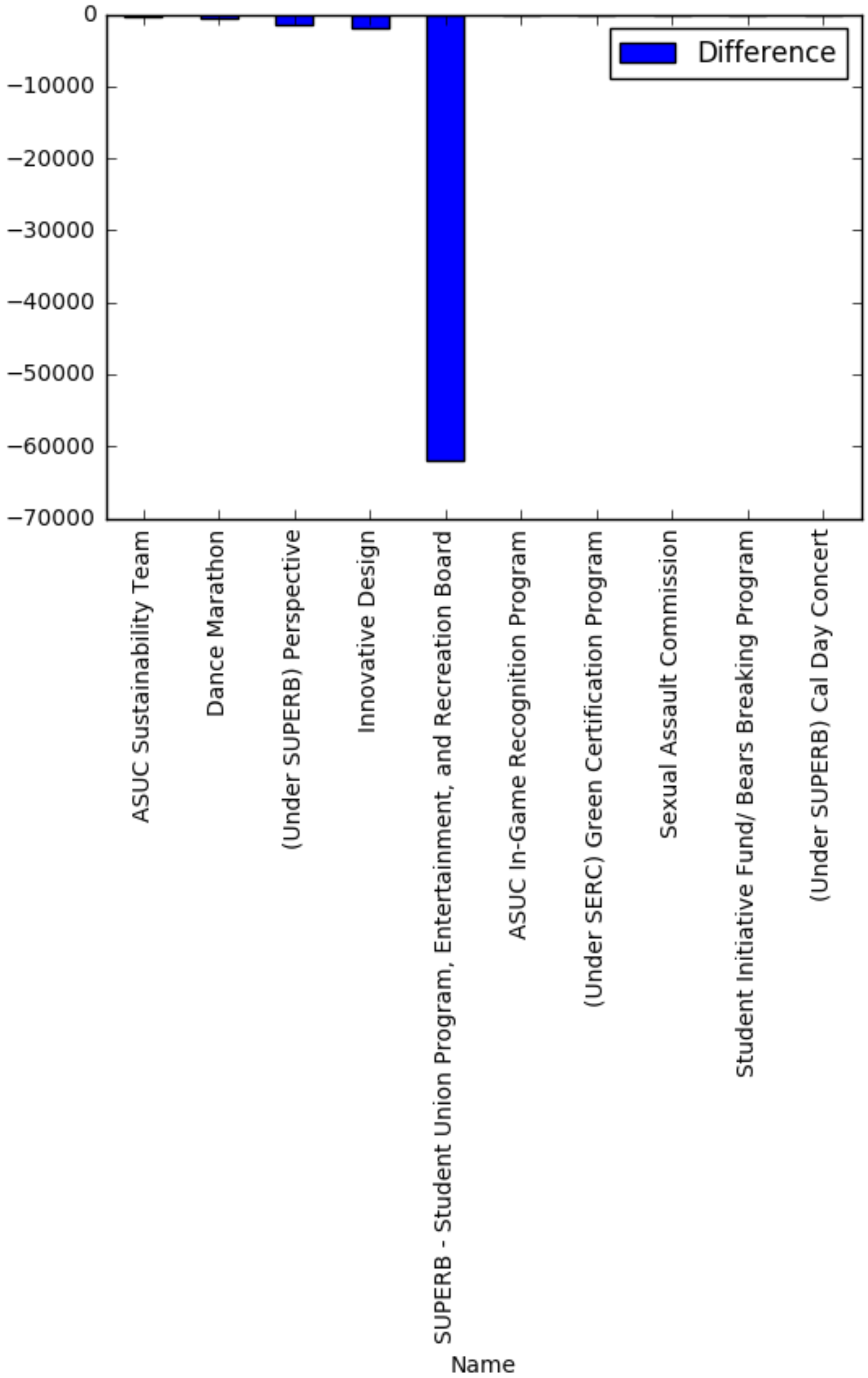


```
1    SISG
1    SISG
1    SISG
1    SISG
Name: Type, dtype: object
```

```
<matplotlib.figure.Figure at 0x114fd3710>
```

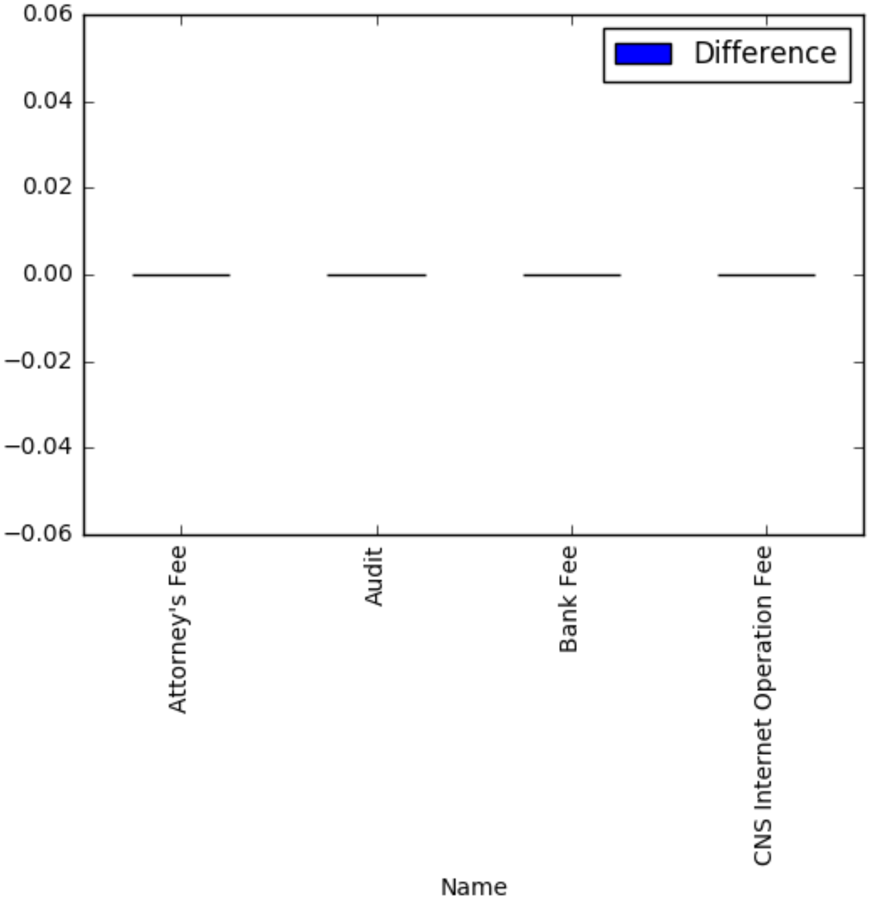

4500
4000
3500
3000
2500
2000
1500
1000
500
0
Difference
bridges Multicultural Resource Center
Chican@s/Latin@s in Health Education
Cal Berkeley Habitat For Humanity
Black Recruitment and Retention Center
Best Buddies at Berkeley
Berkeley Engineers and Mentors
Berkeley City College Service Community (BCCSC)
Bears for Elder Welfare
Bay-area Environmentally Aware Consulting Network
Body Peace
Name

```
ASUC

<matplotlib.figure.Figure at 0x113c6c240>
```

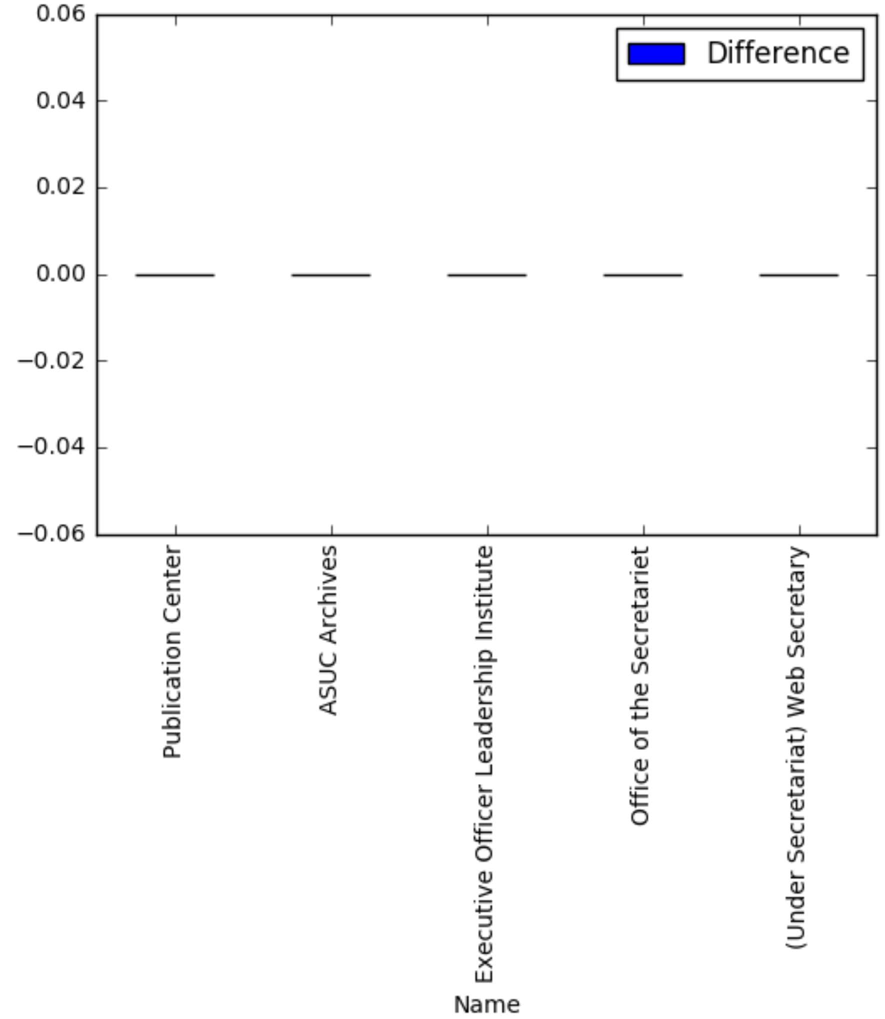

Difference
0
−10000
−20000
−30000
−40000
−50000
−60000
−70000
ASUC Sustainability Team
Dance Marathon
(Under SUPERB) Perspective
Innovative Design
SUPERB - Student Union Program, Entertainment, and Recreation Board
ASUC In-Game Recognition Program
(Under SERC) Green Certification Program
Sexual Assault Commission
Student Initiative Fund/ Bears Breaking Program
(Under SUPERB) Cal Day Concert
Name

```
ASUC
```

```
<matplotlib.figure.Figure at 0x114e6cfd0>
```

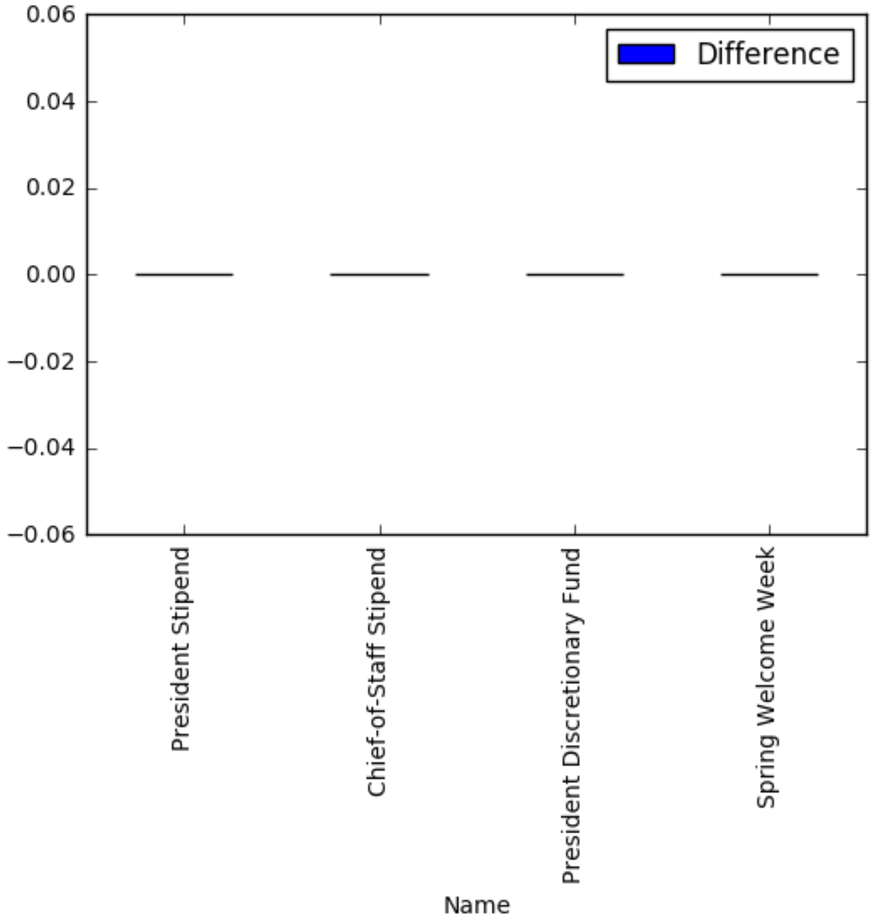

0.06
0.04
0.02
0.00
−0.02
−0.04
−0.06
Difference
Attorney's Fee
Audit
Bank Fee
CNS Internet Operation Fee
Name

```
LEAD
<matplotlib.figure.Figure at 0x114f1d2b0>
```


0.06
0.04
0.02
0.00
−0.02
−0.04
−0.06
Difference
Publication Center
ASUC Archives
Executive Officer Leadership Institute
Office of the Secretariet
(Under Secretariat) Web Secretary
Name

```
OP
```

```
<matplotlib.figure.Figure at 0x11374f9b0>
```



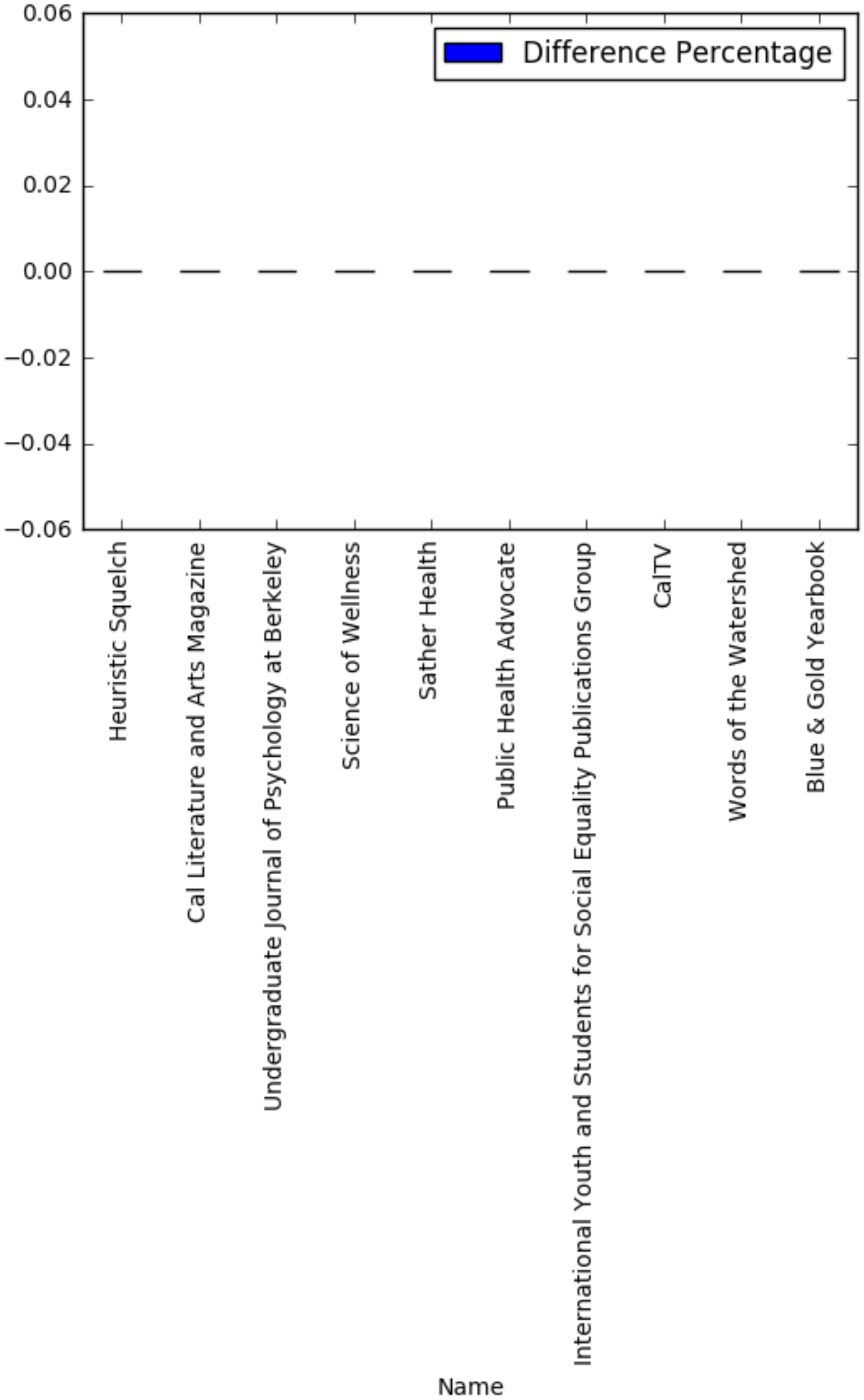
Top 10 Difference Percentages in Money Requested vs. Allocated by Organization Type

In [185]:

```
for i in range(len(categories)):
    print(categories[i]['Type'][1])

    plt.figure()
    categories[i].sort_values(['Difference Percentage'], ascending=False, inplace
=False)[0:10].plot(kind='bar', x='Name',y='Difference Percentage')
    plt.show()
```

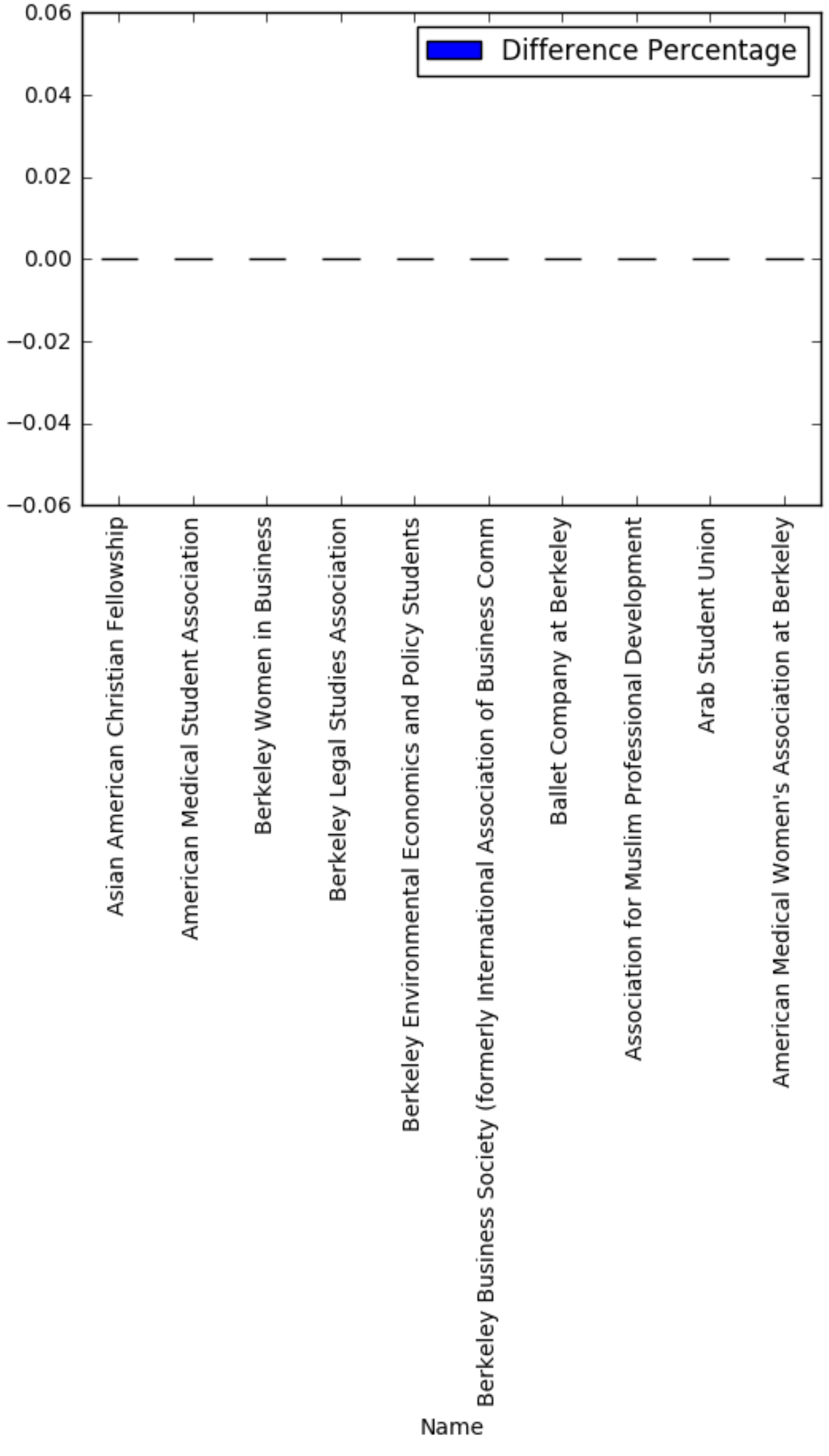
```
PUB
```

```
<matplotlib.figure.Figure at 0x114c12668>
```



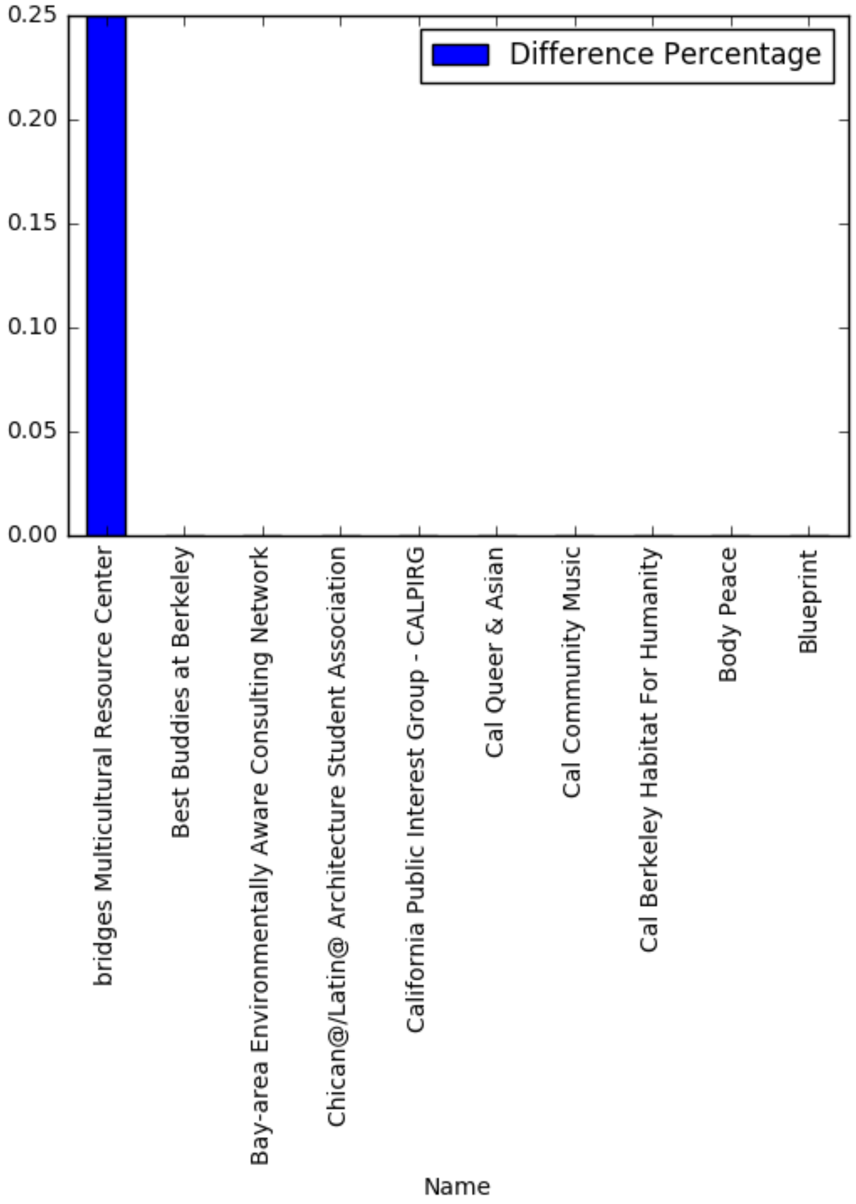
```
1    SAG
1    SAG
1    SAG
1    SAG
1    SAG
1    SAG
Name: Type, dtype: object
```

```
<matplotlib.figure.Figure at 0x113cf0278>
```



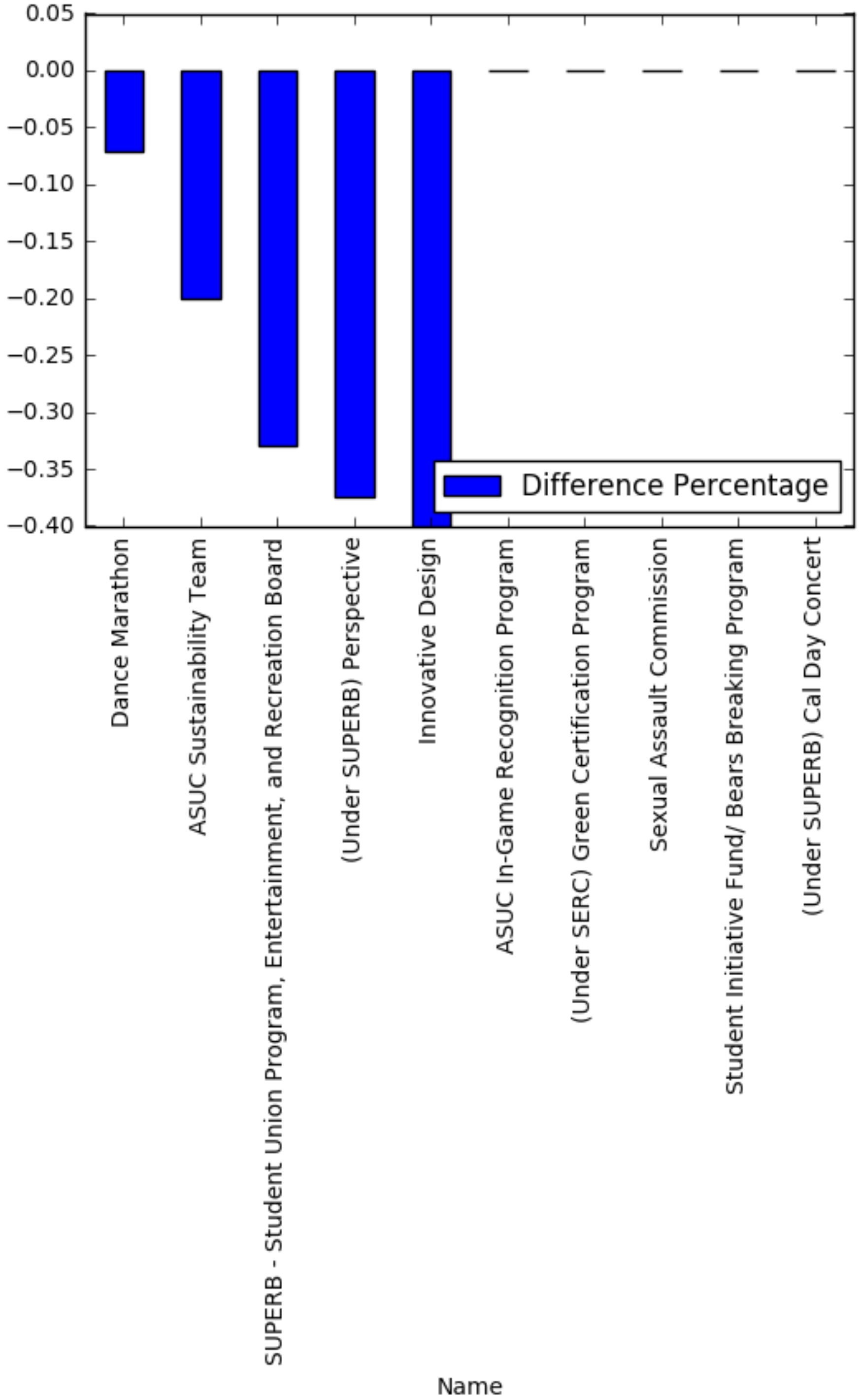
```
1    SISG
1    SISG
1    SISG
1    SISG
Name: Type, dtype: object
```

```
<matplotlib.figure.Figure at 0x115193ef0>
```


Difference Percentage
0.25
0.20
0.15
0.10
0.05
0.00
bridges Multicultural Resource Center
Best Buddies at Berkeley
Bay-area Environmentally Aware Consulting Network
Chican@/Latin@ Architecture Student Association
California Public Interest Group - CALPIRG
Cal Queer & Asian
Cal Community Music
Cal Berkeley Habitat For Humanity
Body Peace
Blueprint
Name

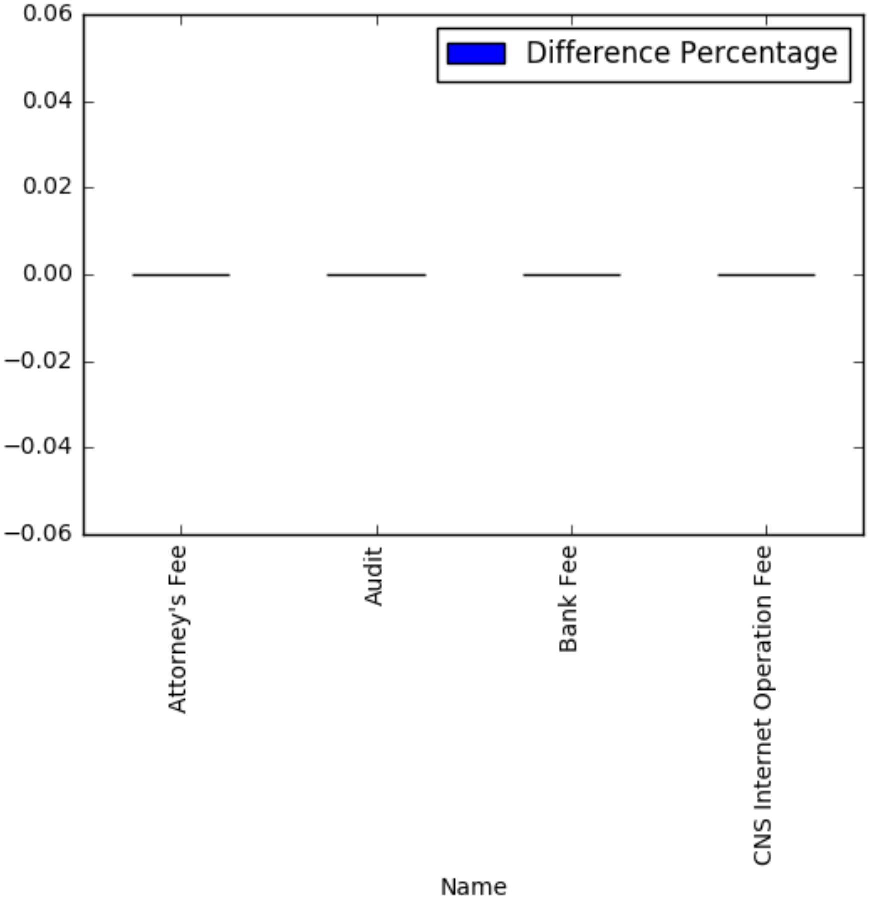
```
ASUC
```

```
<matplotlib.figure.Figure at 0x1136d5a58>
```


0.05
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
−0.30
−0.35
−0.40
Difference Percentage
Dance Marathon
ASUC Sustainability Team
SUPERB - Student Union Program, Entertainment, and Recreation Board
(Under SUPERB) Perspective
Innovative Design
ASUC In-Game Recognition Program
(Under SERC) Green Certification Program
Sexual Assault Commission
Student Initiative Fund/ Bears Breaking Program
(Under SUPERB) Cal Day Concert
Name

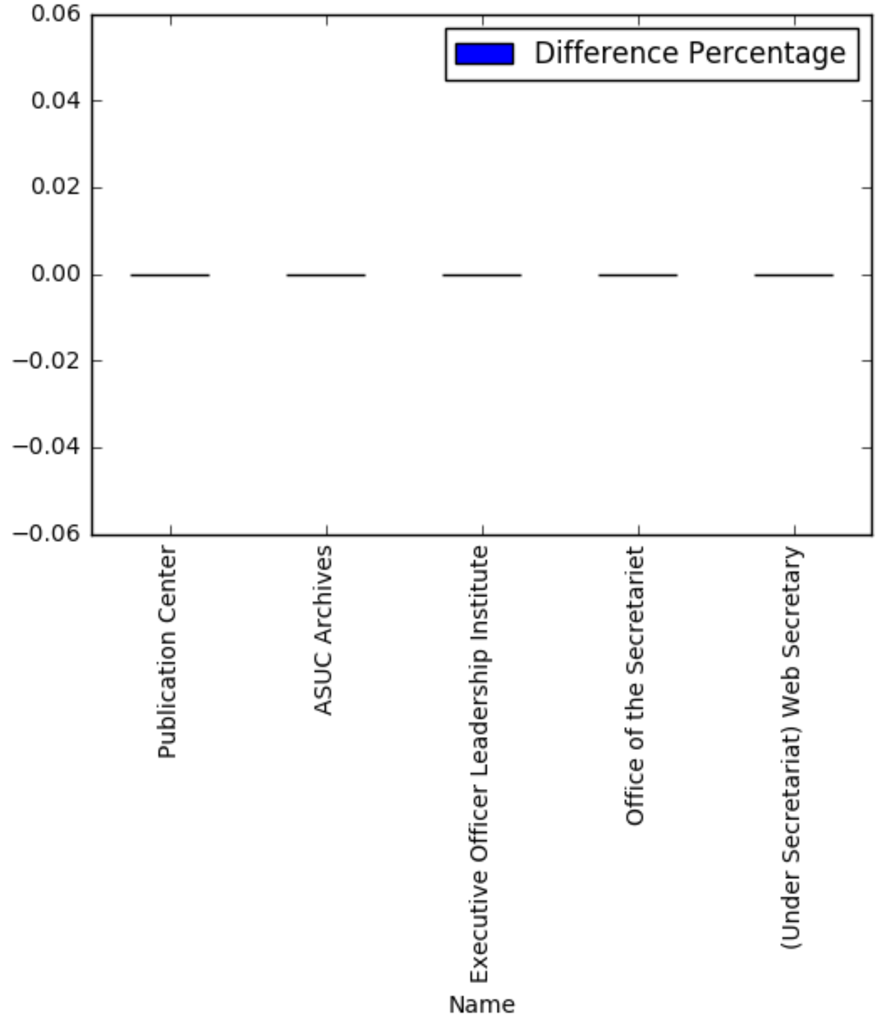
```
ASUC
```

```
<matplotlib.figure.Figure at 0x11307bba8>
```


0.06
0.04
0.02
0.00
−0.02
−0.04
−0.06
Difference Percentage
Attorney's Fee
Audit
Bank Fee
CNS Internet Operation Fee
Name

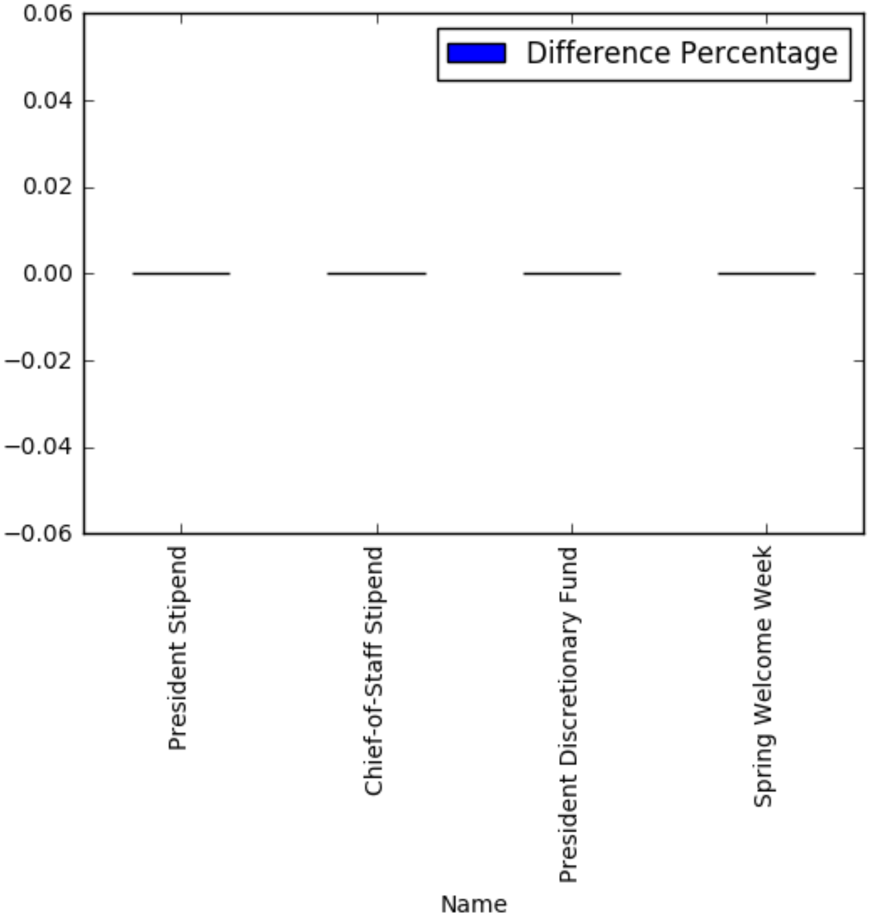
```
LEAD
```

```
<matplotlib.figure.Figure at 0x114bee470>
```


0.06
0.04
0.02
0.00
−0.02
−0.04
−0.06
Difference Percentage
Publication Center
ASUC Archives
Executive Officer Leadership Institute
Office of the Secretariet
(Under Secretariat) Web Secretary
Name

```
OP
```

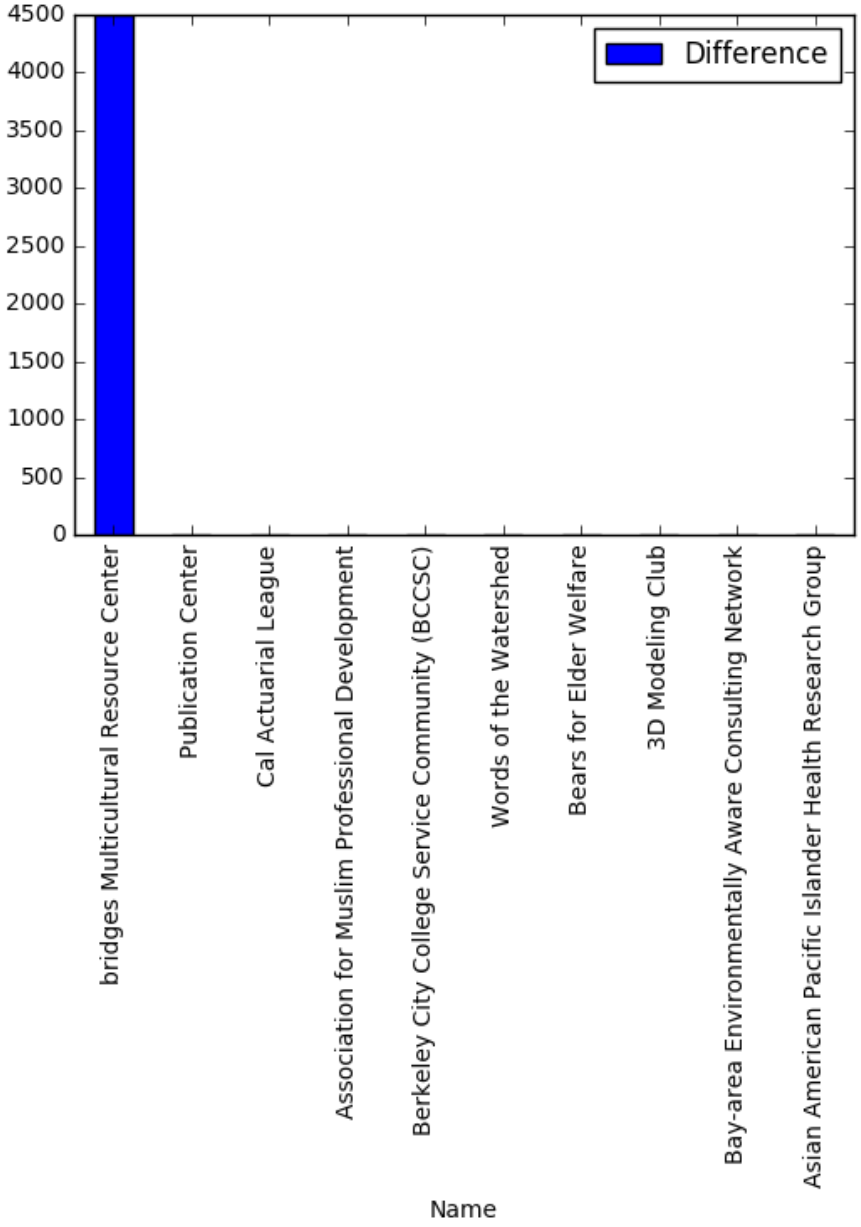
```
<matplotlib.figure.Figure at 0x113b30ac8>
```



Overall Top 10 Differences in Money Requested vs. Allocated

```
In [186]: all_combined = pd.concat(categories)

          plt.figure()
          all_combined.sort_values(['Difference'], ascending=False, inplace=False)[0:10].pl
          ot(kind='bar', x='Name',y='Difference')
          plt.show()
```

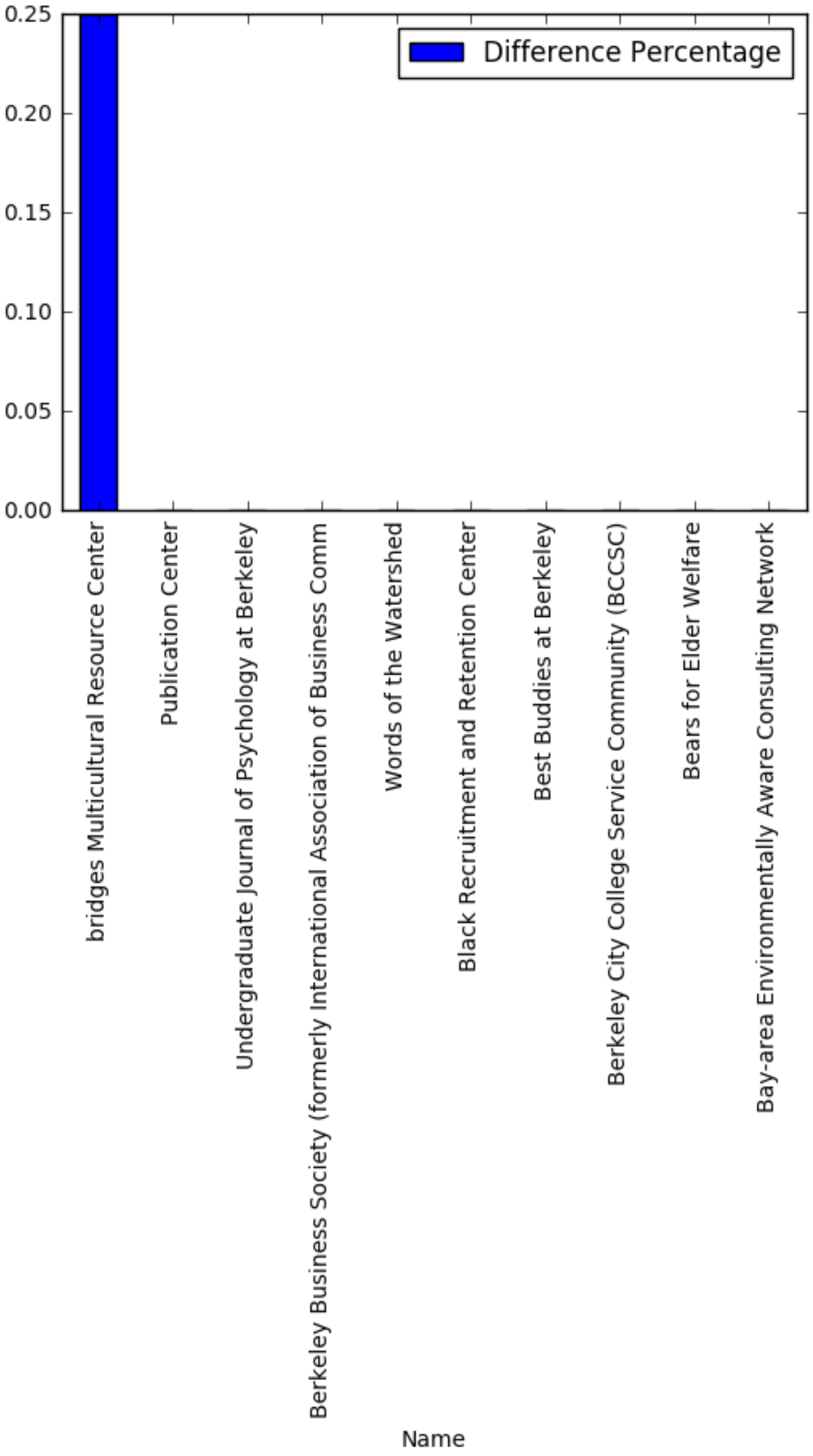
```
<matplotlib.figure.Figure at 0x114284630>
```



Overall Top 10 Difference Percentages in Money Requested vs. Allocated

```
In [187]: all_combined = pd.concat(categories)

          plt.figure()
          all_combined.sort_values(['Difference Percentage'], ascending=False, inplace=False)[0:10].plot(kind='bar', x='Name',y='Difference Percentage')
          plt.show()
```

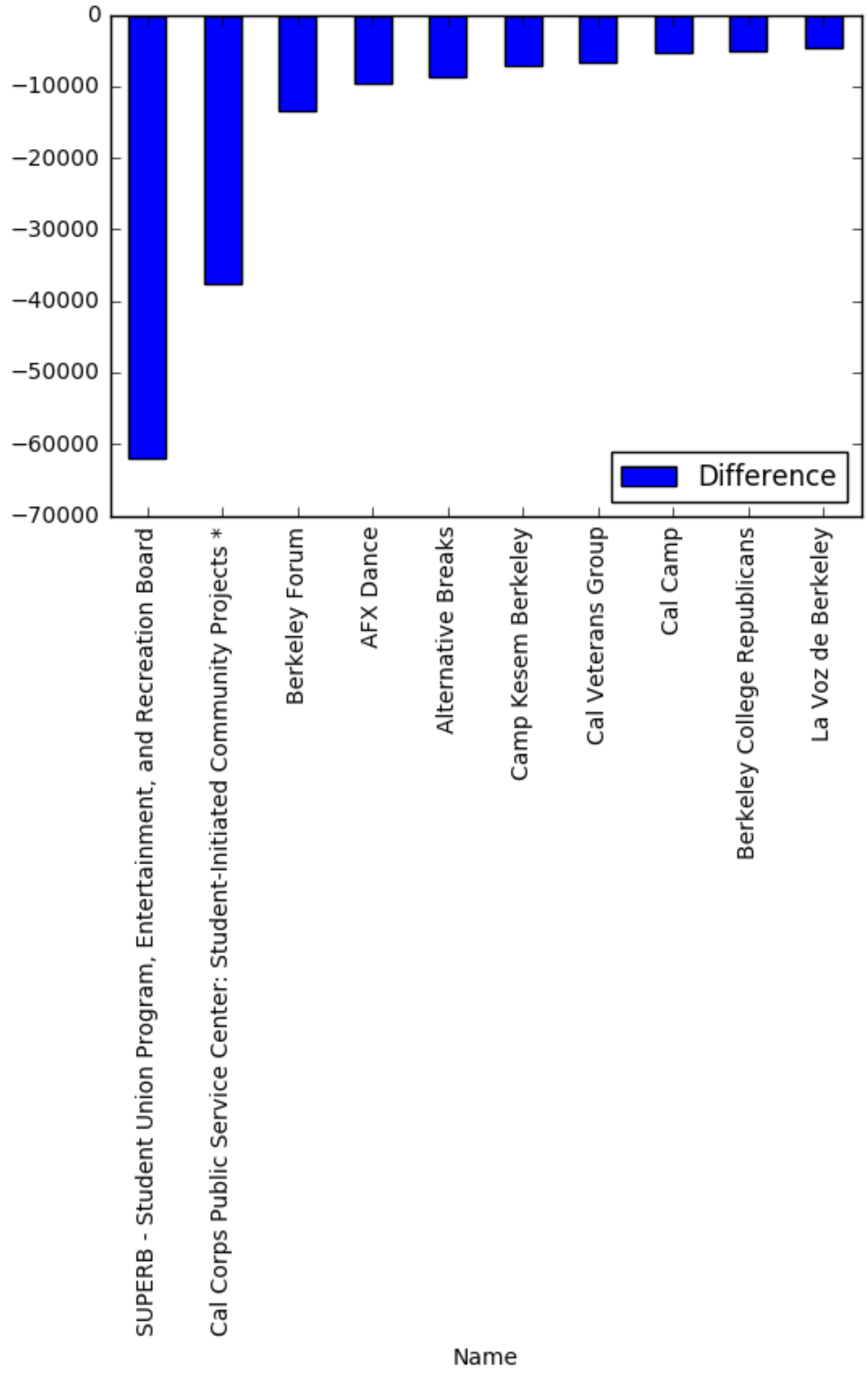
```
<matplotlib.figure.Figure at 0x114f98278>
```



Overall Bottom 10 Differences in Money Requested vs. Allocated

```
In [188]: all_combined = pd.concat(categories)

          plt.figure()
          all_combined.sort_values(['Difference'], ascending=True, inplace=False)[0:10].plo
          t(kind='bar', x='Name',y='Difference')
          plt.show()
```

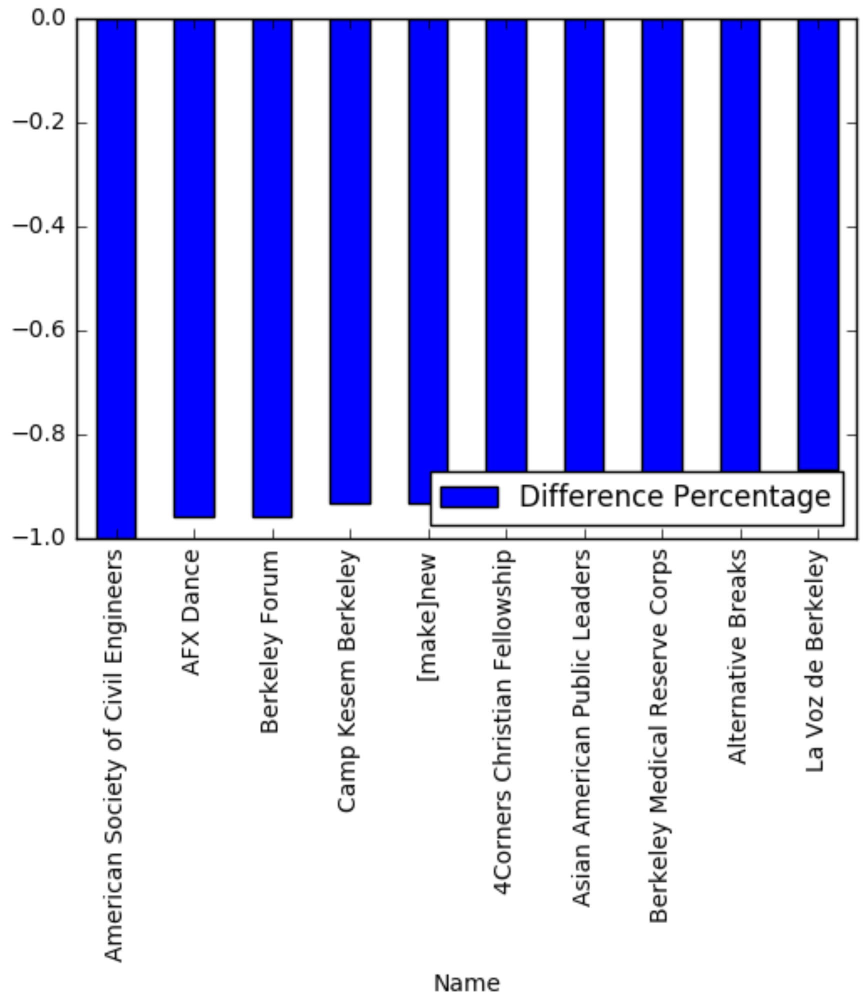
```
<matplotlib.figure.Figure at 0x114647c88>
```



Overall Bottom 10 Difference Percentages in Money Requested vs. Allocated

```
In [189]: all_combined = pd.concat(categories)

          plt.figure()
          all_combined.sort_values(['Difference Percentage'], ascending=True, inplace=False
          )[0:10].plot(kind='bar', x='Name',y='Difference Percentage')
          plt.show()
```

```
<matplotlib.figure.Figure at 0x113bc9470>
```



Clubs to Look At

bridges Multicultural Resource Center, AFX Dance, SUPERB, Innovative Design, La Voz de Berkeley

```
In [ ]:
```