





DUNGEONS & DONORS JOURNEY INTO THE NULL



An Epic Fantasy of Giving by **SAINT LOUIS UNIVERSITY**

Higher Purpose. Greater Good."

ACKNOWLEDGEMENTS

- Jenna Majzoub | Director of Prospect Management and Research
- Olive Buchholz | Prospect Management Analyst
- **Peter Reiker** | Prospect Management Analyst
- **Bill Tran** | Prospect Management Analyst



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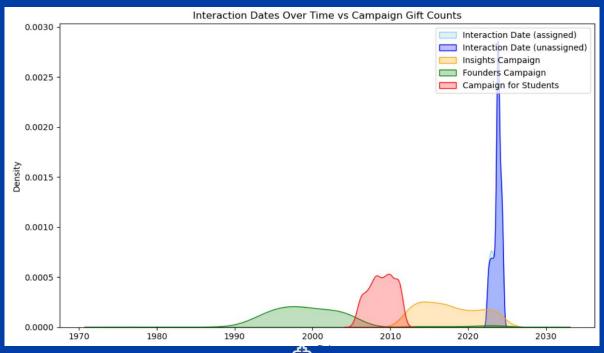
- Of the four campaigns already executed, only three show substantial contributions
 - Clarity Campaign only shows 1 total gift of \$150
 - The other three campaigns show wide fluctuations in duration, average gift amount, gift count
 - Most common primary unit in each campaign is Attain Campus, most common assignment unit in each campaign is DXO



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 Interactions seemingly do not correspond to any previous campaigns





- The largest gifts are coming from unassigned donors
- Assignment does not seem to correlate with higher giving amounts

Campaign	Household Name	Assigned	
Insights Campaign	Kevina Smouten and Gaven Smouten	False	\$5,000,000
Campaign for Stud	Kevina Smouten and Gaven Smouten	False	\$5,000,000
Insights Campaign	Joelle Darlasson	False	\$5,000,000
Campaign for Stud	Joelle Darlasson	False	\$5,000,000
Insights Campaign	Moise Wightman and Reiko Wightman	False	\$5,000,000
Campaign for Stud	Moise Wightman and Reiko Wightman	False	\$5,000,000
Campaign for Stud	Kevina Smouten and Gaven Smouten	False	\$5,000,000
Campaign for Stud	Joelle Darlasson	False	\$3,000,000
Campaign for Stud	Moise Wightman and Reiko Wightman	False	\$3,000,000
Insights Campaign	Kevina Smouten and Gaven Smouten	False	\$2,500,000
Insights Campaign	Rad Warratt and Phyllis Warratt	False	\$2,000,000
Insights Campaign	Rad Warratt and Phyllis Warratt	False	\$1,750,000
Insights Campaign	Rad Warratt and Phyllis Warratt	False	\$1,750,000
Insights Campaign	Bradan Beever and Brantley Beever	False	\$1,112,400
Insights Campaign	Kevina Smouten and Gaven Smouten	False	\$1,000,000
Campaign for Stud	Letitia Hurkett and Joya Hurkett	False	\$1,000,000
Insights Campaign	Reggi Gillicuddy and Noland Gillicuddy	False	\$1,000,000
Insights Campaign	Kevina Smouten and Gaven Smouten	False	\$1,000,000
Insights Campaign	Kevina Smouten and Gaven Smouten	False	\$1,000,000



- Assumption #1: DOs utilize self-assignment when building their portfolios
- Assumption #2: DOs are not siloed by primary unit nor by assignment unit



Financial Forecasting

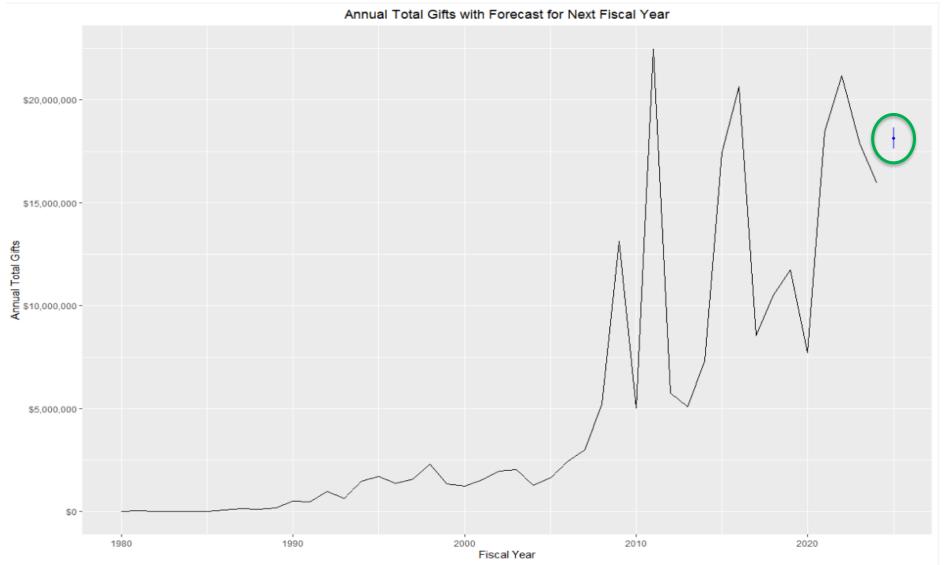


Financial Forecasting

- Using a bespoke ARIMA time-series predictive model concocted by analyst/wizard Peter Reiker
- Forecasts total annual gifts for next fiscal year, as well as subsets by assignment unit and primary unit



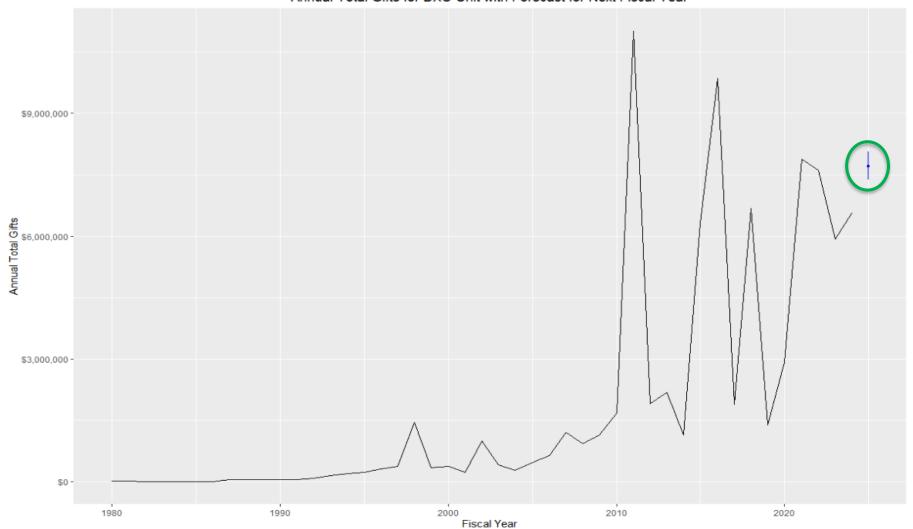




Higher Purpose. Greater Good."

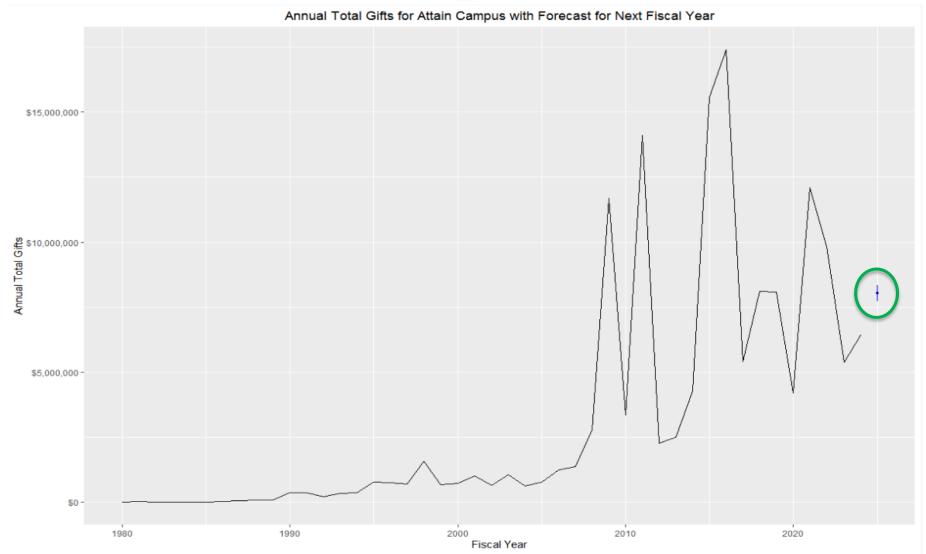






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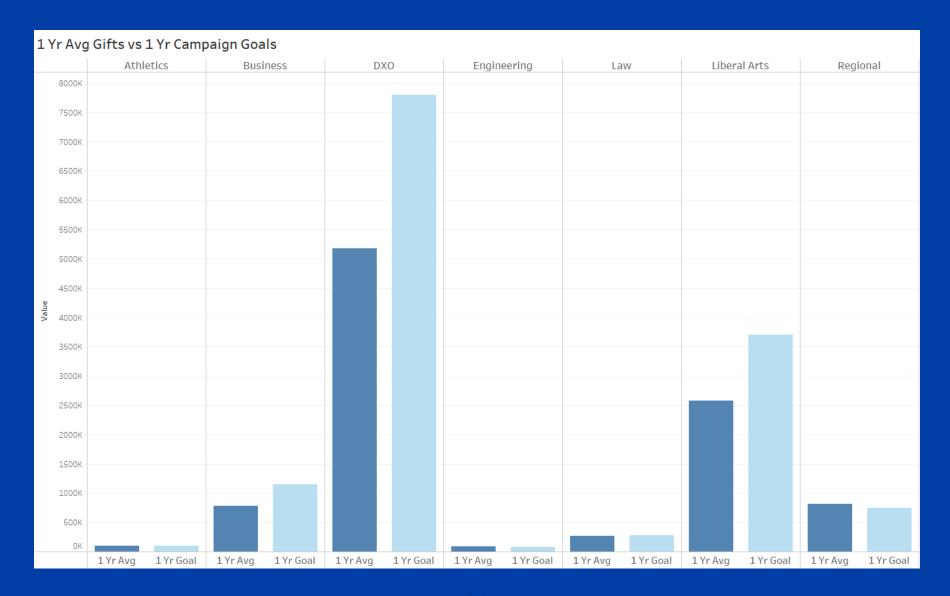


Campaign Goals

- Total annual gifts are forecasted at \$19.3m
- Across five years (x5) = \$96.8m

Assignment Unit	1 Yr Gift Total Proj	5 Yr Goal
Athletics	\$105,000.00	\$525,000.00
Business	\$1,150,000.00	\$5,750,000.00
DXO	\$7,800,000.00	\$39,000,000.00
Engineering	\$80,000.00	\$400,000.00
Law	\$280,000.00	\$1,400,000.00
Liberal Arts	\$3,700,000.00	\$18,500,000.00
Regional	\$750,000.00	\$3,750,000.00
Null	\$5,500,000.00	\$27,500,000.00
<u>Total</u>	\$19,365,000.00	<u>\$96,825,000.00</u>

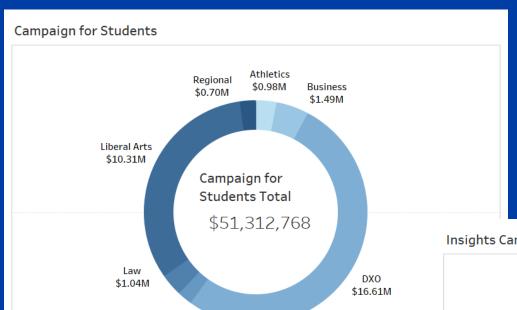






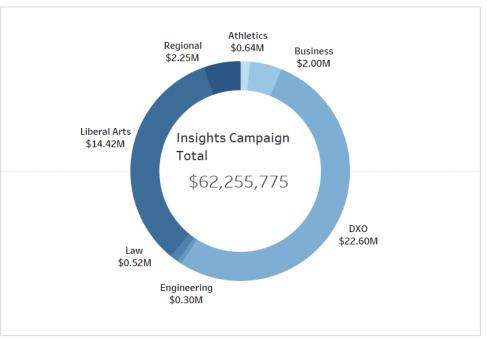
"Apra's Gate" Campaign Goals by Unit





Engineering \$0.67M



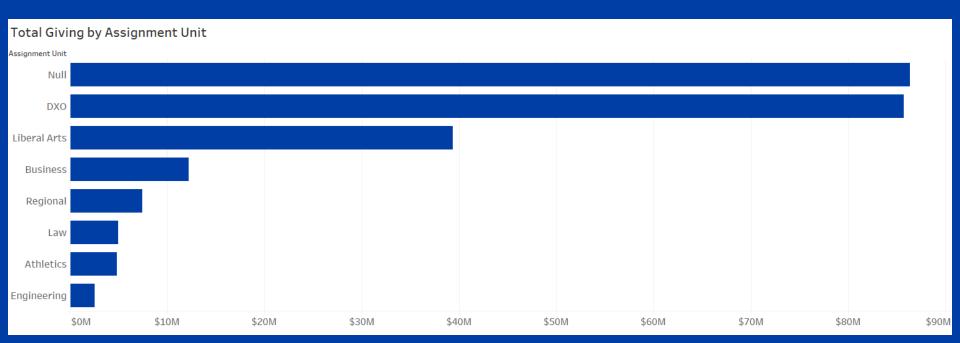




Comparing to prior campaigns

- "Apra's Gate" campaign is forecasting \$19.3m
 per year
 - "Campaign for Students" (2005-2011) shows\$8.5m a year
 - "Insights Campaign" (2011-2023) shows \$5.1m a year
- "Apra's Gate" campaign should focus efforts to engage currently unassigned donors, roping in null gifts into the campaign

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The Gift Pyramid

Based on a one-year target of \$19.3m

GIFT RANGE	# GIFTS REQ.	# PROSPECTS REQ.	SUBTOTAL	CUMULATIVE TOTAL	CUMULATIVE %
4825000	1	5	4825000	4825000	25%
2895000	1	5	2895000	7720000	40%
1930000	2	10	3860000	11580000	60%
1447500	2	10	2895000	14475000	75%
965000	3	15	2895000	17370000	90%
482500	4	20	1930000	19300000	100%
386000	6	30	2316000	21616000	112%
193000	8	40	1544000	23160000	120%
96500	10	50	965000	24125000	125%
48250	12	60	579000	24704000	128%
Total:	49	245		24704000	



The Gift Pyramid

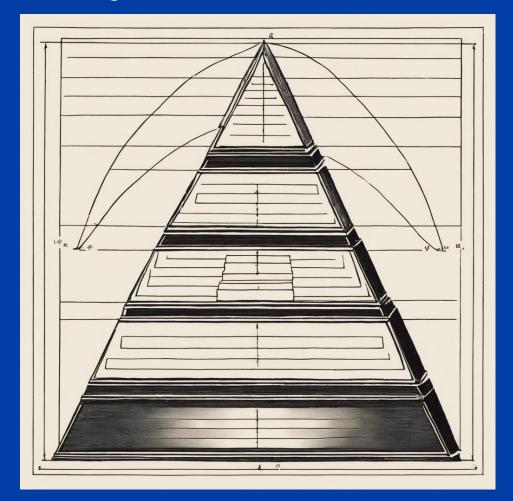
- Verifying feasibility of gift brackets using donor activity from the last 10 years
- Shows slight
 discrepancy
 towards higher
 brackets, but
 supported by a
 larger base in lower
 brackets

```
def count unique gifts in brackets(df, brackets):
    # Initialize a dictionary to hold the counts for each bracket
    bracket_counts = {}
    for bracket in brackets:
        # Define the bracket label
        if len(bracket) == 2:
            bracket_label = f"{bracket[0]}-{bracket[1]}"
            # Count the number of unique gift IDs in the bracket
            count = df[(df['GIFT_AMOUNT'] >= bracket[0]) & (df['GIFT_AMOUNT'] < bracket[1])['CONTACT_ID'].nunique()</pre>
        elif len(bracket) == 1:
            bracket label = f"{bracket[0]}+"
            # Count the number of unique gift IDs in the bracket
            count = df[df['GIFT AMOUNT'] >= bracket[0]]['CONTACT ID'].nunique()
        # Add the count to the dictionary
        bracket counts[bracket label] = count
    # Print the counts for each bracket on a new line
    for bracket label, count in bracket counts.items():
        print(f"{bracket label}: {count}")
# Define brackets
brackets = [(48250, 96500), (96500, 193000), (193000, 386000), (386000, 482500),
            (482500,965000),(965000,1447500), (1447500,1930000), (1930000,2895000),
           (2895000,4825000), (4825000,)]
# Get the counts of gifts in each bracket
count unique gifts in brackets(gift[gift['GIFT DATE'].dt.year > 2014], brackets[::-1])
4825000+: 3
2895000-4825000: 1
1930000-2895000: 6
1447500-1930000: 2
965000-1447500: 8
482500-965000: 12
386000-482500: 10
193000-386000: 21
96500-193000: 44
48250-96500: 55
```



The Gift Pyramid

- Lead Gifts
 - 3 donors at \$2.5m+
- Major Gifts
 - 21 donors at \$500k
- Mid-level Gifts
 - 110 donors at \$50k
- Low-level Gifts
 - 812 donors at \$5000
- Prospective/Annual
 - 2323 donors at \$500
- Total max potential: \$28,721,500 per year





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Play Apra's Gate: the Video Game at the link below!

