

Edgar Filing: Nuveen Core Equity Alpha Fund - Form NSAR-A

Nuveen Core Equity Alpha Fund  
Form NSAR-A  
August 31, 2009

PAGE 1  
000 A000000 06/30/2009  
000 C000000 0001385763  
000 D000000 N  
000 E000000 NF  
000 F000000 Y  
000 G000000 N  
000 H000000 N  
000 I000000 6.1  
000 J000000 A  
001 A000000 NUVEEN CORE EQUITY ALPHA FUND  
001 B000000 811-220003  
001 C000000 3129178200  
002 A000000 333 WEST WACKER DRIVE  
002 B000000 CHICAGO  
002 C000000 IL  
002 D010000 60606  
002 D020000 1286  
003 000000 Y  
004 000000 N  
005 000000 N  
006 000000 N  
007 A000000 N  
007 B000000 0  
007 C010100 1  
007 C010200 2  
007 C010300 3  
007 C010400 4  
007 C010500 5  
007 C010600 6  
007 C010700 7  
007 C010800 8  
007 C010900 9  
007 C011000 10  
008 A000001 NUVEEN ASSET MANAGEMENT  
008 B000001 A  
008 C000001 801-14147  
008 D010001 CHICAGO  
008 D020001 IL  
008 D030001 60606  
008 D040001 1286  
008 A000002 ENHANCED INVESTMENT TECHNOLOGIES (INTECH)  
008 B000002 A  
008 C000002 801-60987  
008 D010002 PALM BEACH GARDENS  
008 D020002 FL  
008 D030002 33410  
012 A000001 EQUISERVE INC.  
012 B000001 84-05925  
012 C010001 PROVIDENCE  
012 C020001 RI  
012 C030001 02940  
PAGE 2  
013 A000001 PRICewaterhouseCOOPERS LLP  
013 B010001 CHICAGO  
013 B020001 IL  
013 B030001 60606  
014 A000001 NUVEEN INVESTMENTS, LLC  
014 B000001 8-13464

## Edgar Filing: Nuveen Core Equity Alpha Fund - Form NSAR-A

015 A000001 STATE STREET BANK AND TRUST COMPANY  
015 B000001 C  
015 C010001 BOSTON  
015 C020001 MA  
015 C030001 02110  
015 E010001 X  
018 000000 Y  
019 A000000 Y  
019 B000000 199  
019 C000000 NUVEENFUND  
020 A000001 DEUTSCHE BANK SECURITIES INC  
020 B000001 13-2730828  
020 C000001 14  
020 A000002 MERRILL LYNCH  
020 B000002 13-5674085  
020 C000002 10  
020 A000003 GOLDMAN SACHS  
020 B000003 13-5108880  
020 C000003 7  
020 A000004 INSTINET CORP  
020 B000004 13-3443395  
020 C000004 7  
020 A000005 CAPITAL INSITUTIONAL SVCS INC  
020 C000005 7  
020 A000006 JEFFERIES & CO  
020 B000006 95-2622900  
020 C000006 6  
020 A000007 GUZMAN & CO  
020 B000007 59-2764363  
020 C000007 6  
020 A000008 WEEDEN & CO  
020 B000008 13-3364318  
020 C000008 6  
020 A000009 CREDIT SUISSE  
020 B000009 13-5659485  
020 C000009 5  
020 A000010 BNY CAPITAL MARKETS  
020 B000010 13-3878175  
020 C000010 4  
021 000000 77  
022 A000001 MERRILL LYNCH  
022 B000001 13-5674085  
022 C000001 16227  
022 D000001 22345  
022 A000002 DEUTSCHE BANK

PAGE 3

022 B000002 13-2730828  
022 C000002 15353  
022 D000002 13311  
022 A000003 INSTINET CORP  
022 B000003 13-3443395  
022 C000003 8882  
022 D000003 8582  
022 A000004 JEFFERIES & CO  
022 B000004 95-2622900  
022 C000004 7763  
022 D000004 8530  
022 A000005 GOLDMAN SACHS  
022 B000005 13-5108880  
022 C000005 6031  
022 D000005 8115  
022 A000006 CAPITAL INSTITUTIONAL

Edgar Filing: Nuveen Core Equity Alpha Fund - Form NSAR-A

|     |         |                     |   |
|-----|---------|---------------------|---|
| 022 | B000006 | 75-1565705          |   |
| 022 | C000006 | 7128                |   |
| 022 | D000006 | 6197                |   |
| 022 | A000007 | GUZMAN & CO         |   |
| 022 | B000007 | 59-2764363          |   |
| 022 | C000007 | 5310                |   |
| 022 | D000007 | 6941                |   |
| 022 | A000008 | LYNCH, JONES & RYAN |   |
| 022 | B000008 | 13-3356934          |   |
| 022 | C000008 | 6178                |   |
| 022 | D000008 | 5528                |   |
| 022 | A000009 | WEEDEN & CO         |   |
| 022 | B000009 | 13-3364318          |   |
| 022 | C000009 | 4960                |   |
| 022 | D000009 | 6113                |   |
| 022 | A000010 | CREDIT SUISSE       |   |
| 022 | B000010 | 13-5659485          |   |
| 022 | C000010 | 4065                |   |
| 022 | D000010 | 5090                |   |
| 023 | C000000 | 88260               |   |
| 023 | D000000 | 95451               |   |
| 024 | 000000  | N                   |   |
| 025 | D000001 | 0                   |   |
| 025 | D000002 | 0                   |   |
| 025 | D000003 | 0                   |   |
| 025 | D000004 | 0                   |   |
| 025 | D000005 | 0                   |   |
| 025 | D000006 | 0                   |   |
| 025 | D000007 | 0                   |   |
| 025 | D000008 | 0                   |   |
| 026 | A000000 | N                   |   |
| 026 | B000000 | N                   |   |
| 026 | C000000 | N                   |   |
| 026 | D000000 | Y                   |   |
| 026 | E000000 | N                   |   |
|     |         | PAGE                | 4 |
| 026 | F000000 | N                   |   |
| 026 | G010000 | N                   |   |
| 026 | G020000 | N                   |   |
| 026 | H000000 | N                   |   |
| 027 | 000000  | N                   |   |
| 028 | A010000 | 0                   |   |
| 028 | A020000 | 0                   |   |
| 028 | A030000 | 0                   |   |
| 028 | A040000 | 0                   |   |
| 028 | B010000 | 0                   |   |
| 028 | B020000 | 0                   |   |
| 028 | B030000 | 0                   |   |
| 028 | B040000 | 0                   |   |
| 028 | C010000 | 0                   |   |
| 028 | C020000 | 0                   |   |
| 028 | C030000 | 0                   |   |
| 028 | C040000 | 0                   |   |
| 028 | D010000 | 0                   |   |
| 028 | D020000 | 0                   |   |
| 028 | D030000 | 0                   |   |
| 028 | D040000 | 0                   |   |
| 028 | E010000 | 0                   |   |
| 028 | E020000 | 0                   |   |
| 028 | E030000 | 0                   |   |
| 028 | E040000 | 0                   |   |
| 028 | F010000 | 0                   |   |

Edgar Filing: Nuveen Core Equity Alpha Fund - Form NSAR-A

|     |         |       |
|-----|---------|-------|
| 028 | F020000 | 0     |
| 028 | F030000 | 0     |
| 028 | F040000 | 0     |
| 028 | G010000 | 0     |
| 028 | G020000 | 0     |
| 028 | G030000 | 0     |
| 028 | G040000 | 0     |
| 028 | H000000 | 0     |
| 030 | A000000 | 0     |
| 030 | B000000 | 0.00  |
| 030 | C000000 | 0.00  |
| 031 | A000000 | 0     |
| 031 | B000000 | 0     |
| 032 | 000000  | 0     |
| 033 | 000000  | 0     |
| 035 | 000000  | 0     |
| 036 | B000000 | 0     |
| 038 | 000000  | 0     |
| 042 | A000000 | 0     |
| 042 | B000000 | 0     |
| 042 | C000000 | 0     |
| 042 | D000000 | 0     |
| 042 | E000000 | 0     |
| 042 | F000000 | 0     |
| 042 | G000000 | 0     |
|     | PAGE 5  |       |
| 042 | H000000 | 0     |
| 043 | 000000  | 0     |
| 044 | 000000  | 0     |
| 045 | 000000  | Y     |
| 046 | 000000  | N     |
| 047 | 000000  | N     |
| 048 | 000000  | 0.000 |
| 048 | A010000 | 0     |
| 048 | A020000 | 0.000 |
| 048 | B010000 | 0     |
| 048 | B020000 | 0.000 |
| 048 | C010000 | 0     |
| 048 | C020000 | 0.000 |
| 048 | D010000 | 0     |
| 048 | D020000 | 0.000 |
| 048 | E010000 | 0     |
| 048 | E020000 | 0.000 |
| 048 | F010000 | 0     |
| 048 | F020000 | 0.000 |
| 048 | G010000 | 0     |
| 048 | G020000 | 0.000 |
| 048 | H010000 | 0     |
| 048 | H020000 | 0.000 |
| 048 | I010000 | 0     |
| 048 | I020000 | 0.000 |
| 048 | J010000 | 0     |
| 048 | J020000 | 0.000 |
| 048 | K010000 | 0     |
| 048 | K020000 | 0.000 |
| 049 | 000000  | N     |
| 050 | 000000  | N     |
| 051 | 000000  | N     |
| 052 | 000000  | Y     |
| 053 | A000000 | N     |
| 054 | A000000 | Y     |
| 054 | B000000 | N     |

Edgar Filing: Nuveen Core Equity Alpha Fund - Form NSAR-A

054 C000000 N  
 054 D000000 N  
 054 E000000 N  
 054 F000000 N  
 054 G000000 N  
 054 H000000 Y  
 054 I000000 N  
 054 J000000 Y  
 054 K000000 N  
 054 L000000 N  
 054 M000000 Y  
 054 N000000 N  
 054 O000000 Y  
 055 A000000 Y  
 055 B000000 N  
       PAGE 6  
 056 000000 Y  
 057 000000 N  
 058 A000000 N  
 059 000000 Y  
 060 A000000 Y  
 060 B000000 Y  
 061 000000 0  
 062 A000000 N  
 062 B000000 0.0  
 062 C000000 0.0  
 062 D000000 0.0  
 062 E000000 0.0  
 062 F000000 0.0  
 062 G000000 0.0  
 062 H000000 0.0  
 062 I000000 0.0  
 062 J000000 0.0  
 062 K000000 0.0  
 062 L000000 0.0  
 062 M000000 0.0  
 062 N000000 0.0  
 062 O000000 0.0  
 062 P000000 0.0  
 062 Q000000 0.0  
 062 R000000 0.0  
 063 A000000 0  
 063 B000000 0.0  
 066 A000000 Y  
 066 B000000 N  
 066 C000000 N  
 066 D000000 N  
 066 E000000 N  
 066 F000000 N  
 066 G000000 Y  
 067 000000 N  
 068 A000000 N  
 068 B000000 N  
 069 000000 N  
 070 A010000 Y  
 070 A020000 Y  
 070 B010000 Y  
 070 B020000 Y  
 070 C010000 Y  
 070 C020000 N  
 070 D010000 N  
 070 D020000 N

Edgar Filing: Nuveen Core Equity Alpha Fund - Form NSAR-A

|             |         |   |        |
|-------------|---------|---|--------|
| 070         | E010000 | Y |        |
| 070         | E020000 | N |        |
| 070         | F010000 | Y |        |
| 070         | F020000 | Y |        |
| 070         | G010000 | Y |        |
|             | PAGE    | 7 |        |
| 070         | G020000 | N |        |
| 070         | H010000 | Y |        |
| 070         | H020000 | N |        |
| 070         | I010000 | Y |        |
| 070         | I020000 | N |        |
| 070         | J010000 | Y |        |
| 070         | J020000 | N |        |
| 070         | K010000 | Y |        |
| 070         | K020000 | N |        |
| 070         | L010000 | Y |        |
| 070         | L020000 | N |        |
| 070         | M010000 | Y |        |
| 070         | M020000 | N |        |
| 070         | N010000 | Y |        |
| 070         | N020000 | N |        |
| 070         | O010000 | Y |        |
| 070         | O020000 | N |        |
| 070         | P010000 | N |        |
| 070         | P020000 | N |        |
| 070         | Q010000 | N |        |
| 070         | Q020000 | N |        |
| 070         | R010000 | Y |        |
| 070         | R020000 | N |        |
| 071         | A000000 |   | 88304  |
| 071         | B000000 |   | 95451  |
| 071         | C000000 |   | 174049 |
| 071         | D000000 |   | 51     |
| 072         | A000000 | 6 |        |
| 072         | B000000 |   | 13     |
| 072         | C000000 |   | 2240   |
| 072         | D000000 |   | 0      |
| 072         | E000000 |   | 0      |
| 072         | F000000 |   | 834    |
| 072         | G000000 |   | 0      |
| 072         | H000000 |   | 0      |
| 072         | I000000 |   | 0      |
| 072         | J000000 |   | 85     |
| 072         | K000000 |   | 10     |
| 072         | L000000 |   | 21     |
| 072         | M000000 |   | 3      |
| 072         | N000000 |   | 0      |
| 072         | O000000 |   | 0      |
| 072         | P000000 |   | 0      |
| 072         | Q000000 |   | 0      |
| 072         | R000000 |   | 12     |
| 072         | S000000 |   | 8      |
| 072         | T000000 |   | 0      |
| 072         | U000000 |   | 0      |
| 072         | V000000 |   | 0      |
| 072         | W000000 |   | 37     |
| 072         | X000000 |   | 1010   |
|             | PAGE    | 8 |        |
| 072         | Y000000 |   | 0      |
| 072         | Z000000 |   | 1243   |
| 072AA000000 |         |   | 0      |
| 072BB000000 |         |   | 40882  |

Edgar Filing: Nuveen Core Equity Alpha Fund - Form NSAR-A

|             |        |
|-------------|--------|
| 072CC010000 | 42438  |
| 072CC020000 | 0      |
| 072DD010000 | 0      |
| 072DD020000 | 0      |
| 072EE000000 | 0      |
| 073 A010000 | 0.5400 |
| 073 A020000 | 0.0000 |
| 073 B000000 | 0.0000 |
| 073 C000000 | 0.0000 |
| 074 A000000 | 0      |
| 074 B000000 | 2691   |
| 074 C000000 | 7999   |
| 074 D000000 | 0      |
| 074 E000000 | 0      |
| 074 F000000 | 177946 |
| 074 G000000 | 0      |
| 074 H000000 | 0      |
| 074 I000000 | 0      |
| 074 J000000 | 1629   |
| 074 K000000 | 0      |
| 074 L000000 | 294    |
| 074 M000000 | 10     |
| 074 N000000 | 190569 |
| 074 O000000 | 1817   |
| 074 P000000 | 145    |
| 074 Q000000 | 0      |
| 074 R010000 | 0      |
| 074 R020000 | 0      |
| 074 R030000 | 567    |
| 074 R040000 | 3690   |
| 074 S000000 | 0      |
| 074 T000000 | 184350 |
| 074 U010000 | 16193  |
| 074 U020000 | 0      |
| 074 V010000 | 11.38  |
| 074 V020000 | 0.00   |
| 074 W000000 | 0.0000 |
| 074 X000000 | 6      |
| 074 Y000000 | 5722   |
| 075 A000000 | 0      |
| 075 B000000 | 177220 |
| 076 000000  | 9.72   |
| 077 A000000 | N      |
| 078 000000  | N      |
| 080 C000000 | 0      |
| 081 B000000 | 0      |
| 082 B000000 | 0      |
| PAGE 9      |        |
| 083 B000000 | 0      |
| 084 B000000 | 0      |
| 086 A010000 | 0      |
| 086 A020000 | 0      |
| 086 B010000 | 96     |
| 086 B020000 | 859    |
| 086 C010000 | 0      |
| 086 C020000 | 0      |
| 086 D010000 | 0      |
| 086 D020000 | 0      |
| 086 E010000 | 0      |
| 086 E020000 | 0      |
| 086 F010000 | 0      |
| 086 F020000 | 0      |

Edgar Filing: Nuveen Core Equity Alpha Fund - Form NSAR-A

087 A010000 COMMON STOCK  
087 A020000 67090X107  
087 A030000 JCE  
088 A000000 N  
088 B000000 N  
088 C000000 N  
088 D000000 N  
SIGNATURE STEPHEN D. FOY  
TITLE V.P. & CONTROLLER