

Yale

| Year | Seed | Opponent | Seed | Score | Opp Score | W | L | OT | Round |
|------|------|----------------|------|-------|-----------|---|---|----|----------------------|
| 1949 | | Illinois | | 67 | 71 | 0 | 1 | 0 | Elite Eight |
| | | Villanova | | 67 | 78 | 0 | 2 | 0 | Regional Third Place |
| 1957 | | North Carolina | | 74 | 90 | 0 | 3 | 0 | Round of 32 |
| 1962 | | Wake Forest | | 82 | 92 | 0 | 4 | 1 | Round of 32 |
| 2016 | 12 | Baylor | 5 | 79 | 75 | 1 | 4 | 0 | Round of 64 |
| | 12 | Duke | 4 | 64 | 71 | 1 | 5 | 0 | Round of 32 |