

Virginia Tech

| Year | Seed | Opponent | Seed | Score | Opp Score | W | L | OT | Round |
|------|------|-------------------|------|-------|-----------|---|---|----|---------------|
| 1967 | | Toledo | | 82 | 76 | 1 | 0 | 0 | Round of 32 |
| | | Indiana | | 79 | 70 | 2 | 0 | 0 | Sweet Sixteen |
| | | Dayton | | 66 | 71 | 2 | 1 | 1 | Elite Eight |
| 1976 | | Western Michigan | | 67 | 77 | 2 | 2 | 1 | Round of 32 |
| 1979 | 8 | Jacksonville | 9 | 70 | 53 | 3 | 2 | 0 | Round of 64 |
| | 8 | Indiana State | 1 | 69 | 86 | 3 | 3 | 0 | Round of 32 |
| 1980 | 7 | Western Kentucky | 10 | 89 | 85 | 4 | 3 | 1 | Round of 64 |
| | 7 | Indiana | 2 | 59 | 68 | 4 | 4 | 0 | Round of 32 |
| 1985 | 9 | Temple | 8 | 57 | 60 | 4 | 5 | 0 | Round of 64 |
| 1986 | 7 | Villanova | 10 | 62 | 71 | 4 | 6 | 0 | Round of 64 |
| 1996 | 9 | Green Bay | 8 | 61 | 48 | 5 | 6 | 0 | Round of 64 |
| | 9 | Kentucky | 1 | 60 | 84 | 5 | 7 | 0 | Round of 32 |
| 2007 | 5 | Illinois | 12 | 54 | 52 | 6 | 7 | 0 | Round of 64 |
| | 5 | Southern Illinois | 4 | 48 | 63 | 6 | 8 | 0 | Round of 32 |