

Niagara

| Year | Seed | Opponent | Seed | Score | Opp Score | W | L | OT | Round |
|------|------|----------------------|------|-------|-----------|---|---|----|----------------------|
| 1970 | | Pennsylvania | | 79 | 69 | 1 | 0 | 0 | Round of 32 |
| | | Villanova | | 73 | 98 | 1 | 1 | 0 | Sweet Sixteen |
| | | North Carolina State | | 88 | 108 | 1 | 2 | 0 | Regional Third Place |
| 2005 | 14 | Oklahoma | 3 | 67 | 84 | 1 | 3 | 0 | Round of 64 |
| 2007 | 16 | Florida A&M | 16 | 77 | 69 | 2 | 3 | 0 | Opening Round |
| | 16 | Kansas | 1 | 67 | 107 | 2 | 4 | 0 | Round of 64 |