Dropping Pumpkins

Puzzlemaker Wyna Liu drew inspiration for this issue’s The Stack from Caltech’s annual Pumpkin Drop. Since 1972, Caltech students have celebrated Halloween with delightful destruction—smashing liquid-nitrogen-frozen pumpkins from the tallest building on campus at the stroke of midnight. In recent years, the event has attracted large crowds of spectators, who watch safely from a distance, as pumpkin debris explodes into the night of tricks and treats.

ACROSS
1. With 62-Across, likely solver of this puzzle
8. National Space Society magazine with a Latin name
15. Hardly a wholesome laugh
16. Certain emission from radioactive decay
17. Colloquial
18. Motor gp. freebies
19. Annual campus event that takes place, appropriately, in the fall
21. Large water-tower
23. Holiday at the end of Ramadan
24. ‘Time release?’
27. “Gross!”
28. Wearer of an extra-large belt?
30. Prefix with space
31. Small island
32. Twenty-one places
34. Component of galleon
35. Unit from the Greek word for “weight”
36. Put words into one’s mouth?
38. Tooter
41. Broad valleys
45. Apollo ___
46. Most admired woman from 2018 to 2020, per Gallup polls
47. Sci-fi conveyance that’s bigger on the inside than the outside
49. The nosebleed section, for V.I.P.’s
50. 19-Across hosts

DOWNS
1. Prompt abbreviation?
2. Dazzle
3. It’s a sucker for sharks
4. However
5. Instruction on a Wonderland cake
6. 1C or Ruffle
7. Ones defined by the hats that they wear?
8. Freedom from inhibitions
9. Out of juice
10. Game company with a logo nicknamed “the Fuji”
11. Savory pastry-like sampling
12. Drummer’s gear
13. Genre for 32-Down
14. Cities of regret
20. Number on some Roman numeral clocks (and a representation of gravity, via a via the black squares in the corner of this grid)
21. The Office star
22. In the style of:
25. Ocean State sch.
26. Largest units of time
28. Stick in the water?
29. Show sleepiness
32. First female MC to have two number one hits on the Billboard Hot 100
33. It’s a numbers game
35. [Honey, it’s right over there!]
37. Fuzzy Arctic cute
38. Election fig.
39. Kaplan of rock’s Yo La Tengo
40. Work allowance
42. Singer inducted into the Grammy Hall of Fame, the Apollo Theater Walk of Fame, and the Hollywood Walk of Fame
43. Moody and brooding music genre
44. Instrument for Ornette Coleman
48. Mincaps
49. Truth to Shakespeare
51. Ancient country whose capital was Susa
52. When tripled, blah blah blah
53. Med. care choices
54. Thing in a ring, maybe
55. Shredder on stage
58. Joe
59. Meditation sounds

Looking for answers? We all are, of course, but currently we can offer only the puzzle solutions, available at alumni.caltech.edu/techerdropping-pumpkins