

Fountain of Youth by George Barany and Mike First-Six-Letters-of-73-Across

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ACROSS

1. Acronym for fluorescein amidite dye
4. Marine ____
9. "____, humbug!" (epithet from Ebenezer Scrooge)
12. Make a scene?
15. "Either he goes ____ go!": 2 wds.
16. Wolf in Kipling's "The Jungle Book"
17. Frog's cousin
18. World workers grp.
19. Research area addressed by this puzzle's honoree
23. Lake Itasca, with respect to the Mississippi River
24. Loss of muscle coordination
25. Pamplona shouts
26. "____ dead people" (famous line from "The Sixth Sense")
27. Sumter and McHenry: Abbr.
29. It may be picked
30. Mann
31. Pre-sabbatical home for this puzzle's honoree
34. Awe-inspiring middle name of this puzzle's honoree
37. Agcy. spawned by the Manhattan Project
38. Ozone?
40. Lodge
41. Apoptosis, e.g.
45. Metric weights: Abbr.
47. Holier-than-thou
49. "Breaking ____"
52. The ____ Group, led by this puzzle's honoree
54. Mal de ____
55. Color of litmus paper in the presence of base
56. Layer
57. Teeny
58. State of this puzzle's honoree since 1998
60. Armageddon
61. Galileo's birthplace
62. Valerie Pierre's here
63. Chuck's carrier?
64. Title for Franken or Klobuchar: Abbr.
65. CH₃-SO₂-CH₃, an odorless breakdown product of DMSO
67. It may have a big head
69. This puzzle's honoree or "The Spanish Mozart," whose surname means "stone" in Basque
73. Celebratory occasion for this puzzle's honoree
79. Body parts that may get wet or cold, metaphorically

80. Govt. org. created in the aftermath of 9/11 that has done little to improve the pleasantness of airline travel for this puzzle's honoree
82. Hard rock connection?
83. Managed care grps.
84. Actress Summer [we never heard of her either, but just google the clue and she'll be the first hit]
85. Distinguished Faculty Mentor (2001), NIH Career (2003-2008), and Fesler-Lampert Chair (2007-2008), for this puzzle's honoree
87. Class cutter
89. Special message to this puzzle's honoree
92. Absorbed the cost of
93. First name in detective fiction
94. Words to live by
95. Euro forerunner
96. Flanders on "The Simpsons"
97. "If you're not part of the ____, you're part of the prec." [abbrev. version of a joke this puzzle's honoree should tell his chemistry students]
98. Peter and Paul, but not Mary
99. Acronym for certain molecules -- elevated under stress -- that are studied by this puzzle's honoree

DOWN

1. Old bone
2. Some Bach compositions
3. Slow, graceful dance
4. Short math course
5. Georgia ____, some of whose flower paintings are exhibited at the Weisman museum
6. VCR button: Abbr.
7. Give satisfaction
8. NaCl
9. Name for a "Pretty, nice" girl in Guatemala
10. Tiny battery size
11. "Good" cholesterol, in brief
12. Supermarket lanes
13. Network participant
14. Give, as a topic for discussion, in newscaster lingo
17. It's hailed by city dwellers
20. Hellenic: Pref.
21. Program that allows talented undergraduates from all over the country to carry out summer research with this puzzle's honoree or his colleagues
22. Surname of Li'l Abner and Daisy Mae
28. What a pianist does to the ivories, so as to do this to the audience
32. Otto who co-discovered nuclear fission with Lise Meitner, although only he got the Chemistry Nobel Prize (however, they both have elements named after them)
33. To form 8-Down from its elements, Na will ____ an electron
35. About-face
36. Band booking
39. Related to element number 76 or the sense of smell
41. Spoil, with "on"
42. Julia's Oscar-winning (2001) role
43. Like some fine cheese or fine chemists
44. La Brea goo
46. Shine brightly
48. Servile group
49. "Diary of a Crossword Fiend," e.g.
50. Alternative to MAN
51. Crouch of C.S.E.
53. Patrick who played for Georgetown, the Knicks, and the 1992 Dream Team
55. Abundant protein isolated from cow blood that is used as a blocking agent in ELISA and related assays
58. Rodolfo sings "Che gelida manina" to her
59. Pitcher
61. Pod item
64. Exercise unit
66. Like most phones, nowadays
68. Hide in a closet?
69. Blanket or dog
70. Make a meaningful connection
71. Garnered
72. Freely
74. Research tools for this puzzle's honoree
75. It sounds dull
76. Research tool for this puzzle's honoree
77. Place where Monte Carlo methods are employed
78. Heat
81. This puzzle's honoree insists that all protocols followed in his lab are ____
85. Early hairdo style for Jesse or Michael Jackson
86. Book by Noah Webster (Abbr.)
88. Malbec, Merlot, Médoc, etc. (all enjoyed by this puzzle's honoree)
90. Sycophant's answer
91. Some like it hot