

**Theory Guides, Experiment Decides** by George Barany

**ACROSS**

1. More pallid
7. The "P" of PABA
11. Get one's point across?
14. Polywater or cold fusion, each for a relatively short time, e.g.
17. Discrete amounts, in physics
18. Came \_\_\_ (Mexican restaurant dish)
20. Be shy
21. Dog show partner?
22. Institution in the spotlight on September 12, 2014
26. Like a pumpless well
27. In conclusion, in Cannes
28. Prepared a lemon twist
29. Johnny \_\_\_\_, last major-league pitcher to face Babe Ruth and first to face Jackie Robinson
30. An "aye" for an "eye," perhaps?
32. He lost twice to DDE
33. They go great with nuts
34. "We don't have this info yet!"
36. Containing element number 53
38. "\_\_\_ it just me?"
39. It might be picked up in a bar
42. Major honor celebrated on September 12, 2014, with 88-Across
47. Sported
48. Oil or Oyl preceder
49. That one, to Caesar
50. Where to get off
51. Quarky subatomic particles
52. Like usage of electricity or gas, e.g.
54. Sick \_\_\_
56. Lots
57. "All \_\_\_ day's work"
58. Rudder control
60. "My Fair Lady" race site
62. Further reason to celebrate on September 12, 2014
70. \_\_\_'s Law, Nobel-worthy (1915) father-and-son discovery
71. Capable of spontaneous movement, as cells
72. AL West team, on scoreboards
73. Men of La Mancha
76. Michael who played Cochise ("Broken Arrow") and Kang ("Star Trek")

79. Right-leaning type
82. \_\_\_ chiral auxiliary
83. \_\_\_ codon (TAG in DNA, e.g.)
84. \_\_\_ II (razor brand)
86. Second-generation Japanese-Americans
87. Rickrolling or ALS ice bucket challenge, e.g.
88. See 42-Across
91. Dudgeon
92. Two-time Nobelist (1958, 1980) Sanger
93. Beat (out)
94. Fenn's Nobel-worthy (2002) mass spectrometric technique: Abbr.
95. Doesn't fold
97. Fútbol announcer's shout
98. Fill-in
100. Recipe amt.
104. Oyster products containing calcite and aragonite
106. Go through
108. Stirrer/\_\_\_ (lab staple)
110. SNL catch-phrase from the 1970s, as analytically repurposed at 22-Across
113. Izaak Maurits, to his colleagues, students, and friends

- DOWN**
1. Greenish-blues
  2. Jazzman with "The Arkestra"
  3. Site of a devastating 2010 earthquake
  4. Driven to discover?
  5. Somme summers
  6. Rutgers's river
  7. OxyContin or Percocet, e.g.
  8. Nova Scotia hrs.
  9. "Hellzapoppin'" actress Martha
  10. Shelley's elegy for Keats
  11. Enlist in
  12. Bristle
  13. The "B" of PABA
  14. Ottoman or hassocks
  15. Pay to play
  16. Bivalent element
  19. Had influence over
  21. "Hey, bud!"
  23. Two cents worth

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24. Sue Grafton's "\_\_\_ for Malice"
25. They may be electric
31. "C'est magnifique!"
33. Humphry Davy or William Perkin, e.g.
35. Afrikaner
37. Eponymous engine, or the fuel to run it
38. Paper work?
40. Swedish Nobelist (1948) who developed electrophoresis
41. Porgy's woman
42. Like "circle" rather than "sircul"
43. Coeur d'\_\_\_, Idaho
44. Greek giant memorialized by element number 22
45. Abetting partner
46. Prefix denoting addition of element number 8
47. Area divided by length, for a rectangle
51. Hundred-Acre-Wood denizen
53. Bunsens' kin
55. Euphemism for lab odor, perhaps
56. \_\_\_ rule (principle to explain valence)

59. Spliced, like synthetic oligos and peptides
61. Stationary phase for chromatography, often
63. Rare selection?
64. Blunders
65. LBJ's first Supreme Court appointee
66. Hollywood hopeful
67. Lucia di Lammermoor's confidante
68. One who spikes the punch
69. Hi-tech eye surgery
73. \_\_\_-permeable membrane
74. It follows who, what, and how
75. Juniors, to seniors
77. Lavoisier ou Pasteur, pour exemple
78. Shows derived from shows
80. Common bonds?
81. Infinite
83. Cows and sows
85. Formyl organic compound
88. It diffracts x-rays
89. Put pages in correct order

90. Voyager II subject
92. Suffix with water or night
96. Gait faster than a walk
97. JPEG alternative
99. Jersey call
101. Hackneyed
102. Swiped a credit card, e.g.
103. Dutch-American Nobelist (1936) Debye
104. Prop for Popeye (and 113-Across, too)
105. Send out, as heat or light
106. 1960 Olympics site
107. Tautomer of 85-Down
109. Dictionary abbr. for me, myself, and I
111. Hurry, quaintly
112. El número de hidrógenos en una molécula de agua