

“Milestone In Inorganic Chemistry”

by George Barany and Friends

May 26, 2013

Across

1. “P.S. I Love You,” to “Love Me Do”
6. Change E to F, in a way
11. “No ___!” (“Uncle!” in Spanish)
14. Be theatrical
15. “Laborare est ___” (“to work is to pray”)
16. Annoying compound comprised of elements #77 and #19?
17. Really major work area for this puzzle’s honoree?
19. Med. technique with contrast agents and “panic buttons”
20. Nimitz or Nelson: Abbr.
21. Lowest possible valence?
22. Steel girder comprised of elements #53, #4, and #95?
24. Research team (or a rock band) led by this puzzle’s honoree?
28. Balm ingredient much beloved by crossword lovers
29. Silicate leader? (as in Pyrex)
30. Opposed to *syn*
33. To blend by melting, say with element #11
34. “Eureka!”
37. This puzzle’s honoree, whose middle name connotes “laid-back and creative”
42. 70, to this puzzle’s honoree (as of this puzzle’s release date)
43. BYOB portion
44. “The Sound of Music” backdrop
45. $[Zr(C_{10}H_8)_3](2-)$, $[V(CNXyl)](+)$, and $[Nb(CO)_5](3-)$, colorwise
46. Old Victrolas
49. Minnesota, to this puzzle’s honoree?!
56. Chocolate source
57. They’re corny
58. 40 winks
59. Drugmaker Lilly
60. Really small work area for some of this puzzle’s honoree’s colleagues and protégés?
64. Harvard degree earned by J.F.K. in 1956
65. “Villain, thou ___!”: Shak.
66. Add an internal standard for deconvolution, e.g.
67. One of 20 genetically encoded building blocks: Abbr.
68. Workout spots, for some
69. Low cards

Down

1. Psalms interjection
2. Compound with two acyl groups bound to element #7
3. Words to live by, like “Don’t lick the spoon”
4. Symbol for viscosity or index of refraction
5. $C_6H_5-CH_2-$
6. Get out of jail

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64					65						66			
67					68						69			

7. “What ___!” (“That’s funny!”)
8. Author’s encl.
9. www.chem.umn.edu, for one
10. For this puzzle’s honoree, it includes doctoral work with Alan Davison at M.I.T.
11. Copy, in a way
12. Pianist Claudio
13. Cut corners
18. Methanol “whoosh” bottle, e.g.
23. Kindred compound of elements #35 and #8?
25. Puffed up
26. Adjoin
27. Confused
30. Palindromic 1977 album title that went double element #78
31. Christmas quaff
32. Alternative to café
33. Élément N^o 26
34. Start and end of the Three Musketeers’ motto
35. With it, with elements #1, #53, and #15
36. Per Dickens’s Mr. Bumble, “the law is a ___”
38. Confidential classification
39. ___ operandi (standard operating procedures)
40. Non-negotiable
41. Endure
45. Stranded messenger?
46. Places to sleep
47. “First in business worldwide” sloganeer
48. Help out, as in teaching or research
49. Immune response orchestrator
50. Good news on Wall Street
51. Followers of Arrhenius, Bronsted, or Lewis
52. Prefix meaning “twenty”
53. ___’s Parlour (Dinkytown fixture)
54. Tasteless
55. Fencing equipment
61. Objective
62. Tokyo-based IBM rival, made of elements #10 and #6
63. Spectroscopic technique for studying materials with unpaired electrons: Abbr.

Note: The clue to 45-Across was written specifically for the deletion of this puzzle’s honoree and his past and present co-workers. Literature references are found in the “More reading” section of the puzzle’s website.

An alternative clue to 45-Across is:
Carmine, cardinal, and cerise