## They Have Chemistry

## George Barany and Michael Shteyman 13

111 Employ

118

119

120

121

122

of

123 Teeny

113 New age musician John

Kennedy or Koppel

It may be imposed, but

Hockey great Bobby

Predetermine the outcome

Answers to this

puzzle may be

found at

www.chem.umn.edu

Page 19

117 Noon on a sundial

12/24 or 12/31

never levied

11 12

## ACROSS

- 1 Winter bug
- 4 Exploits
- 9 Sexologist Hite
- Santa's little helper 14
- 17 Blouse, e.g.
- Tin Pan Alley org. 18 19 Either President Bush
- 20 Metal oxide, MW 75, the black form of which is reactive
- 21 Protocol at a current Minnesota Chemistry Department faculty meeting?
- "Today" weatherman Al 25
- v. Wade (1973 26 Supreme Court decision)
- 27 Taoism founder
- 29 Comparison of Minnesota teaching styles (Kent and Wayland), when all's Donne?
- 37 Emulates a raptor
- 38 Cross words
- 39 Peter or Paul, but not Mary
- 40 Homeboy's habitat
- 42 Jet-setters' jets, once
- 43 What students of Minnesota chemist Paul would say as he entered the classroom?
- 48 Heart chambers
- Hi from HI 52
- 53 Gumbo ingredient
- 54 Persian, now 57 Go off the deep end
- 59 Big name in mobile phones
- 64 Cacophonies
- 65 Bank opener?
- Actor Sean or current 68 Minnesota chemist Lee
- 70 Unconventional physician
- 71 Catch-phrase for "Father of Analytical Chemistry"? (with a nod to 131-across)
- 75 Fox who once guarded second base
- 76 It is neutralized by HCl to make table salt
- Party animal? 77
- 78 It may be fleeting
- 79 The color of money
- Gait faster than a walk 80
- 82 Fixes previous drafts
- Simplicity 84
- 88 Creating a knot
- 91 Like helium, neon, or argon, but not necessarily xenon
- 92 Minnesota theoretical chemist Bob's expectations for students he taught?
- 98 Web destination
- 99 Labels on macromolecules, e.g
- 100 Milky Way ingredient?
- 101 Neuwirth who won a Tony for "Chicago"
- 105 Military mess?

- chemist Fred? 112 Hot off the press 114 Article in Andalusia
- 115 Taking to court
- 116 Advisor choice (Bob or John) once faced by Minnesota
- p-chem students? 124
- Sweet suffix 125 Eratosthenes had
  - one to find primes
- 126 A la King
- Short life story 127
- Map line: abbr. 128
- 129 Camouflages
- Conductor 130
- Koussevitzky NBC comedy show 131 since 1975 (compare to

71-across)

## DOWN

2

- 1 '60s sitcom set at
- Fort Courage
- \_\_\_, no
- hands' 3 Optimistic
- 4 Remote
- Winter Boston hrs. 5
- 6 World's largest
- professional org.,
- founded 1876
- Feather's partner 7
- Brush aside 8
- 9 Fe-C alloy often containing other metals such as Mn, Si etc
- 10 "For \_ a jolly good fellow"
- 11 Prefix with skeleton
- 12 Brit. flyers
- 13 Minor tautomer for
- majority of ketones
- 14 Back
- 15 Pinocchio's nose growth could be an example of one
- Novelist Frederick or 16 current Minnesota chemist
- Craig 22 Suffix with east- or west-
- 23 Elton's john
- 24 50 Cent's genre
- 25 They use TLC
- 28 Serpentine shape 30 Degree in math?
- 31 Expert ending?
- It can be myth-understood? 32
- 33 Sea bordering Kazakhstan
- and Uzbekistan 34 "Eureka!"
- 35
  - Answering one's cell phone in the middle of a class, for example
- 36 Loading area
- Rimsky-Korsakov's opera
  - "Le Coq \_\_\_\_
  - 43 Mai \_\_\_\_ cocktail

107 Academic rebuff from Minnesota 17 19 20 18 21 23 22 24 25 26 28 29 30 31 32 33 34 35 36 38 40 39 42 43 44 45 46 47 48 49 50 51 52 53 54 56 57 59 60 61 62 63 55 58 64 65 68 70 66 69 71 73 72 74 75 76 78 79 80 81 82 83 88 84 85 86 87 89 90 91 94 96 92 93 97 98 99 100 101 102 103 104 105 107 108 109 110 106 111 112 114 115 113 116 117 118 119 120 121 122 123 124 125 127 126 128 129 130 131

74 Paddle

83 Compete

Drench

Snack

92 Desire

"Cogito, \_

-tac-toe

sum"

Towards the rear

Glory's partner

Evaluate a scientific

Monogram of "Cats"

Word repeated before

"Ski-U-Mah," in a U of M

Ukraine and Belarus, once:

Insert, as a scene into a

103 Less frequently used name

Element 106, according to

Not for free

manuscript

author

fight song

Broadway

Small ads

for C6H6

abbr.

video

104 Bit of work

IUPAC

ballet)

108 Fishing accessories

"Who ?"

\_-cone

(Gershwin/Balanchine

Welcome sign on

81

85

86

87

89

90

93

94

95

96

97

98

101

102

106

109

110

44 Landscaper's need Nautical greeting from 45 Minnesota chemist Tom?

What cyanuric acid is, with

respect to cyanic acid

Part of a Molière play

They might be tight or

Organic compound with a

Weight unit for bricks, in a

first you don't

(talk at great

succeed ..." (bad advice for

Big Apple daily, for short

Opposite of 123-down

Source for >\$200 M

annually at U of M

Enzyme that adds a

50 Get on one's nerves

- Connoisseur 46
- 47 House of Lords

Shoe part

loose

double bond

phosphate

saying

skydiver)

72 Record holder

length)

62 It can be structural,

geometric, or

conformational

49

51

55

56

58

60

61

63 Certify

66

67

69

70

73 Hold

48 Giving a hand to