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Thursday, July 11, 2013

Chemistry & the Economy: Mid-Year Update

Mr. Paul Hodges, Chairman, International eChem
 Dr. Dave Harwell, Director, ACS Careers



Thursday, July 18, 2013

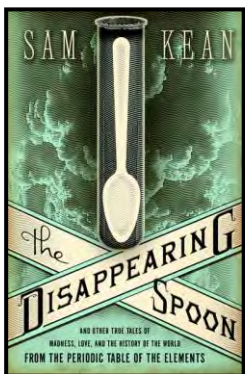
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Ms. Barbara Bry, COO, Blackbird Ventures
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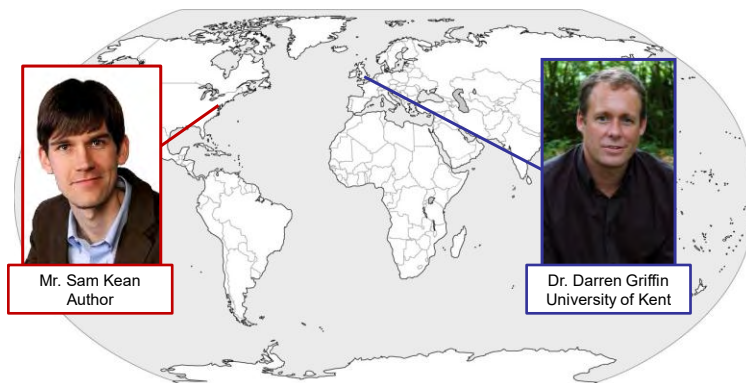
"Science magazine reporter Kean views the periodic table as one of the great achievements of humankind, "an anthropological marvel," full of stories about our connection with the physical world. Funny, even chilling tales are associated with each element, and Kean relates many. With a constant flow of fun facts bubbling to the surface, Kean writes with wit, flair, and authority in a debut that will delight even general readers."

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Strange Tales from the Periodic Table: The Disappearing Spoon



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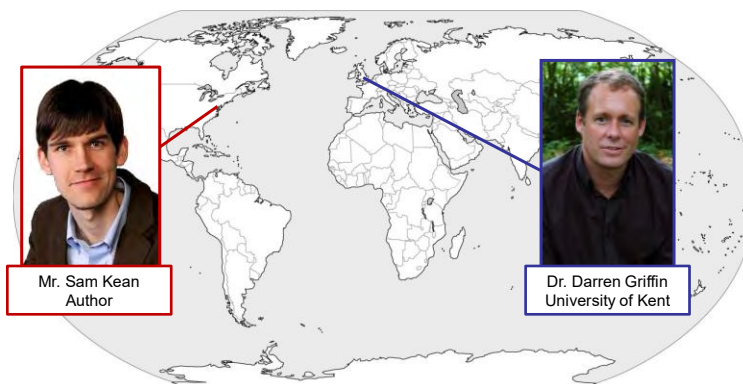


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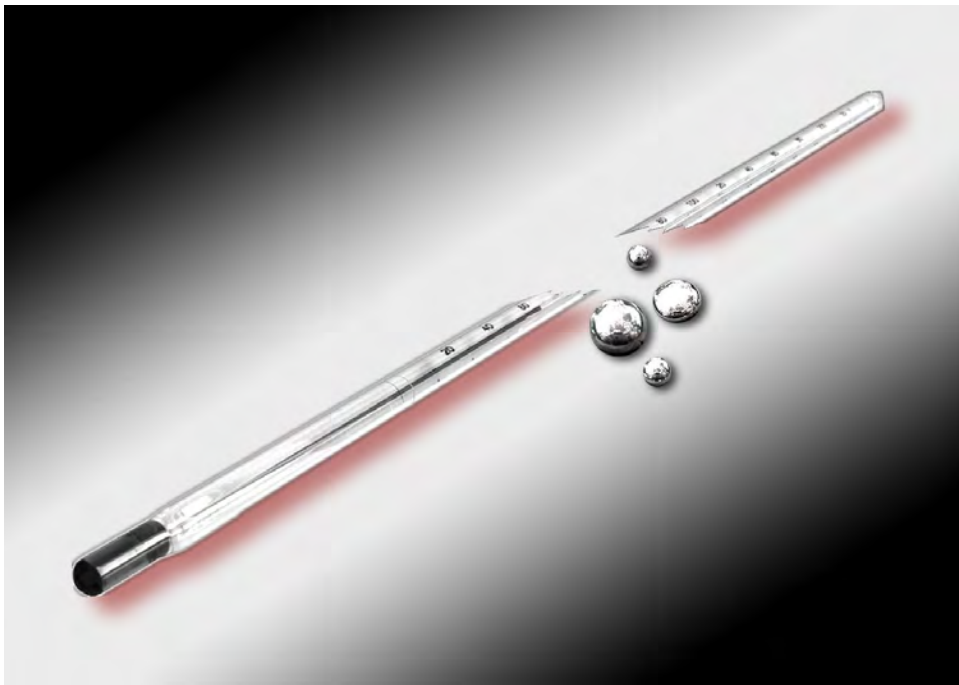


Strange Tales from the Periodic Table: The Disappearing Spoon

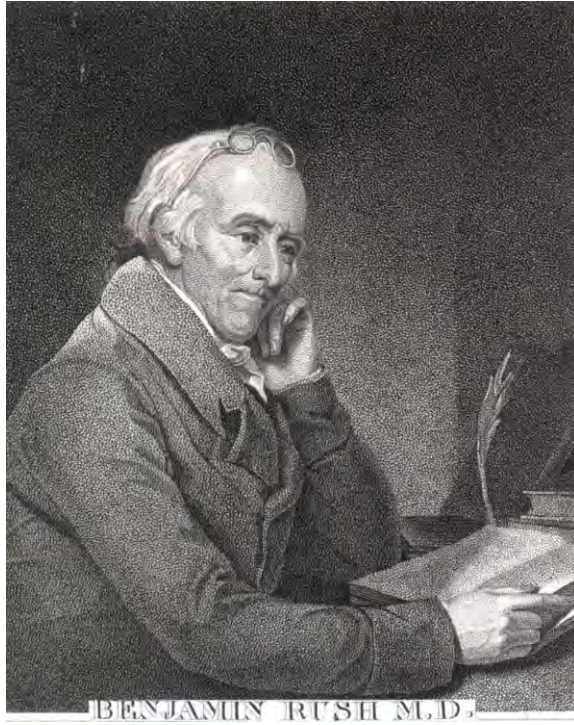


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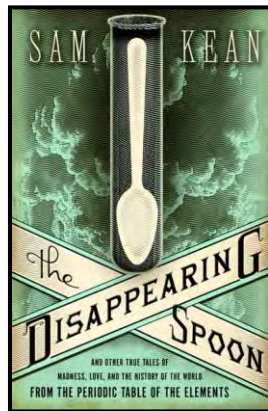


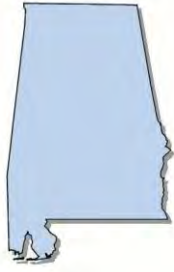
What famous U.S. landmark contains decorative aluminum?

- A) The Liberty Bell
- B) The Washington Monument
- C) Henry David Thoreau's cabin at Walden Pond
- D) The Statue of Liberty
- E) The Alamo



Can the Periodic Table Tell a Story?

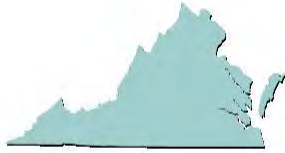




Alabamine



Illinium

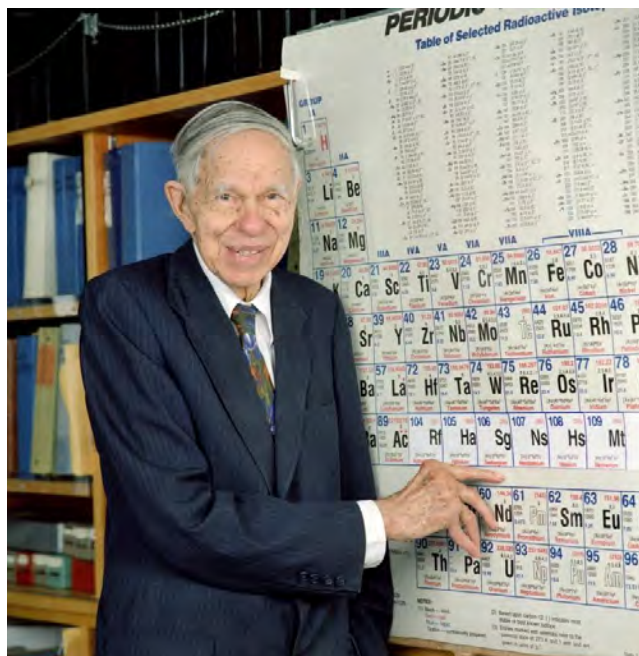


Virginium



Why did many chemists oppose the idea of naming an element after Glenn Seaborg?

- A) He wasn't a U.S. citizen
- B) He'd worked on controversial parts of the Manhattan Project
- C) There were rumors of fraud in his laboratory
- D) He named names during McCarthyism
- E) He was still living at the time

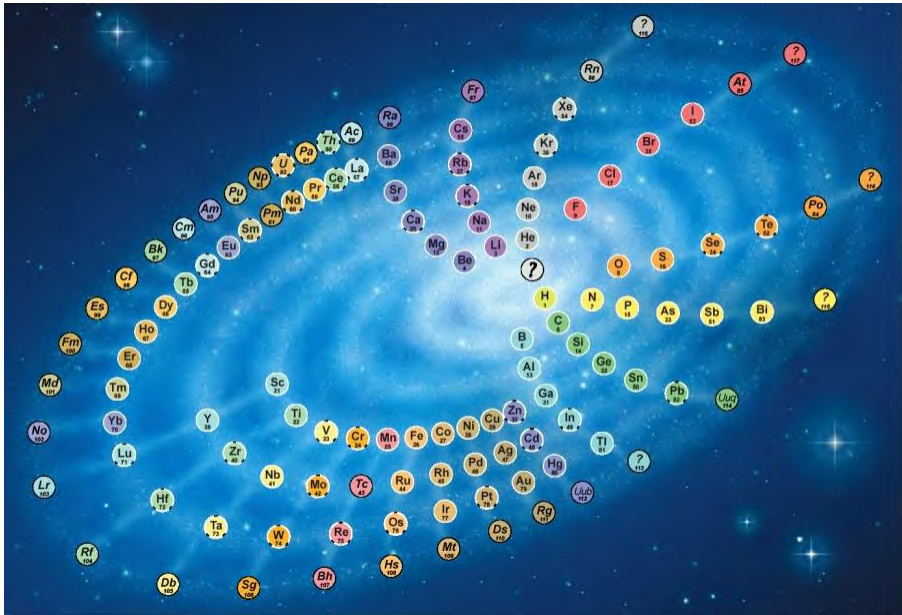


1 H																	2 He
3 Li	4 Be											5 B	6 C	7 N	8 O	9 F	10 Ne
11 Na	12 Mg											13 Al	14 Si	15 P	16 S	17 Cl	18 Ar
19 K	20 Ca	21 Sc	22 Ti	23 V	24 Cr	25 Mn	26 Fe	27 Co	28 Ni	29 Cu	30 Zn	31 Ga	32 Ge	33 As	34 Se	35 Br	36 Kr
37 Rb	38 Sr	39 Y	40 Zr	41 Nb	42 Mo	43 Tc	44 Ru	45 Rh	46 Pd	47 Ag	48 Cd	49 In	50 Sn	51 Sb	52 Te	53 I	54 Xe
55 Cs	56 Ba	71 Lu	72 Hf	73 Ta	74 W	75 Re	76 Os	77 Ir	78 Pt	79 Au	80 Hg	81 Tl	82 Pb	83 Bi	84 Po	85 At	86 Rn
87 Fr	88 Ra	103 Lr	104 Rf	105 Db	106 Sg	107 Bh	108 Hs	109 Mt	110 Ds	111 Rg	112 Cn	113 Uut	114 Uuq	115 Uup	116 Uuh	117 Uus	118 Uuo

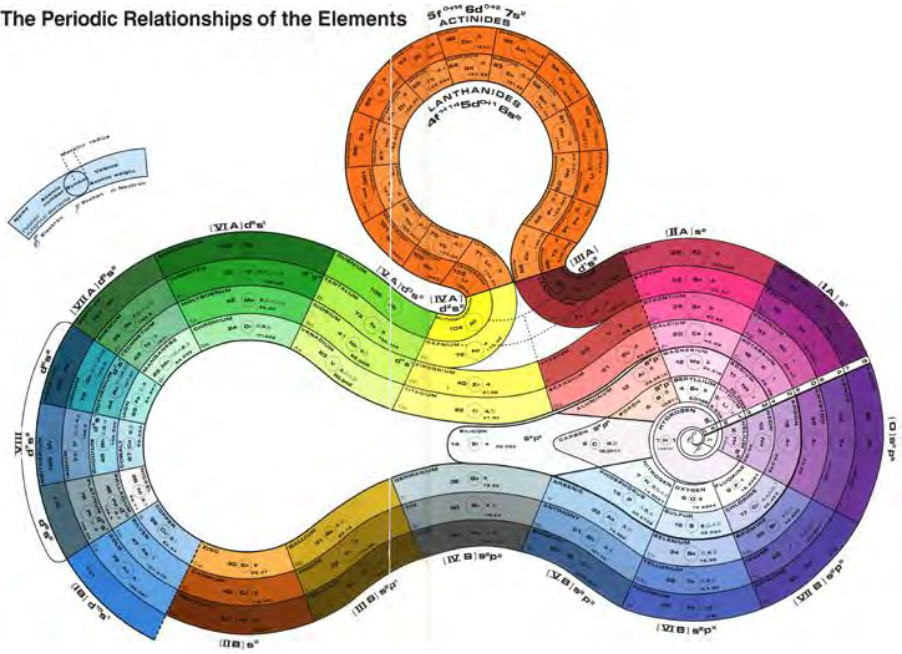
57 La	58 Ce	59 Pr	60 Nd	61 Pm	62 Sm	63 Eu	64 Gd	65 Tb	66 Dy	67 Ho	68 Er	69 Tm	70 Yb
89 Ac	90 Th	91 Pa	92 U	93 Np	94 Pu	95 Am	96 Cm	97 Bk	98 Cf	99 Es	100 Fm	101 Md	102 No

1 H																	2 He
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37 Rb	38 Sr	39 Y	40 Zr	41 Nb	42 Mo	43 Tc	44 Ru	45 Rh	46 Pd	47 Ag	48 Cd	49 In	50 Sn	51 Sb	52 Te	53 I	54 Xe
55 Cs	56 Ba	71 Lu	72 Hf	73 Ta	74 W	75 Re	76 Os	77 Ir	78 Pt	79 Au	80 Hg	81 Tl	82 Pb	83 Bi	84 Po	85 At	86 Rn
87 Fr	88 Ra	103 Lr	104 Rf	105 Db	106 Sg	107 Bh	108 Hs	109 Mt	110 Ds	111 Rg	112 Cn	113 Uut	114 Uuq	115 Uup	116 Uuh	117 Uus	118 Uuo
119 Uue																	

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89 Ac	90 Th	91 Pa	92 U	93 Np	94 Pu	95 Am	96 Cm	97 Bk	98 Cf	99 Es	100 Fm	101 Md	102 No



The Periodic Relationships of the Elements



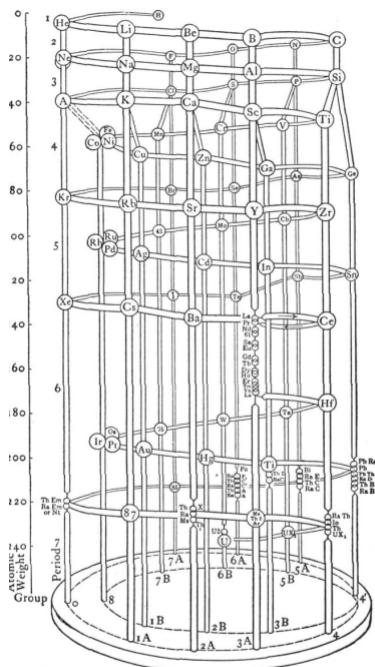


FIGURE 22.—PERIODIC TABLE BY HARKINS AND HALL





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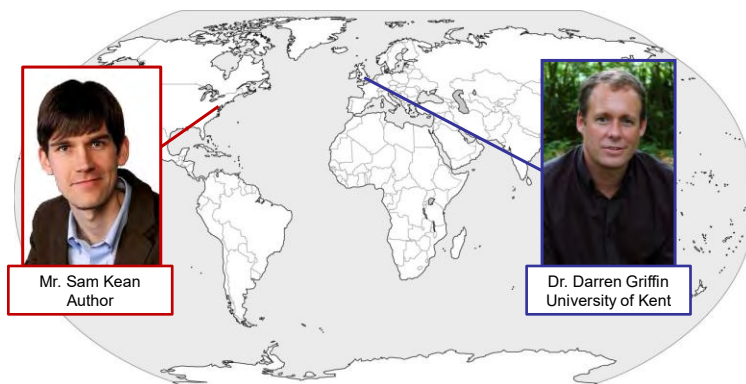
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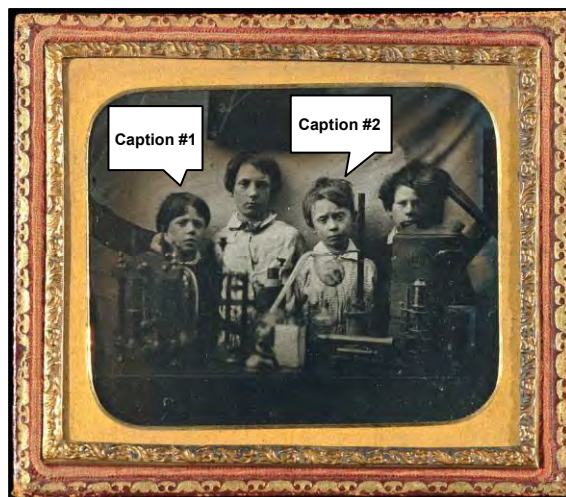
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