

February 2009 Chemistry Wordoku

						S		
		C		I		T		U
T			H		U	C		E
U				E				
		E	T		S	N		
				O				I
C	T	N		E				S
H	U		C		I			
		N						

C
E
H
I
N
O
S
T
U

Solve this 'wordoku' in the same way as a sudoku with letters instead of numbers (the nine letters once in each row, column and nine-square cell). Once solved, one of the overall diagonals contains the jumbled surname of a US chemist who combines green principles with nanotechnology. At which university is he now based?

T	S	E	Y	K	O	R	V	H
R	H	Y	V	E	T	O	K	S
O	K	V	R	S	H	Y	E	T
S	O	K	H	T	R	V	Y	E
H	Y	R	K	V	E	S	T	O
E	V	T	O	Y	S	H	R	K
K	R	S	E	H	V	T	O	Y
V	E	H	T	O	Y	K	S	R
Y	T	O	S	R	K	E	H	V

Solution to January 2009 Chemistry Wordoku

The chemist's name hidden in the diagonal is the Czech chemist (Jaroslav) Heyrovsky, who received the 1959 Nobel chemistry prize for the development of polarography.

The winner of the competition is TT Oyetunde, Manchester, UK

The winner of this month's chemistry Wordoku will be published next month. For a chance to win a £25 book voucher, please send your completed Wordoku to the address on p2 or fax to +44 (0)1223 426017 by 15 February 2009.

Who, where or when?



Answer: A unique photograph of presidents of the Royal Society of Chemistry gathered with George Porter (president of the Chemical Society, 1970-1972) in Burlington House in September 2000. Left to right, giving their respective presidential reliefs: Charles Rees (1992-1994), John Ward (1988-1990), Rex Richards (1990-1992), John Cadogan (1982-1984), Ewart Jones (1980-1982), Porter, Eddie Abel (1996-1998), Tony Ledwith (1998-2000) and the then-president Steven Ley (2000-2002). The only living RSC president absent from the photograph is Jack Lewis (1986-1988), Harold Furnell (1994-1996) and R O Norman (1984-1986) had died during the 1990s.

February 2009 Crossword

1	2	3	4	5	6	7	8	
9				10				
11			12			13		
14	15					16		
					17			
18				19				
			20					
21						22	23	
24		25			26			
27				28				

Across

- 1 Weaving technique not left in quad after Jack loses tail? (8)
- 6 Ought to turn right for area of low pressure (6)
- 9 Gold in service ends in swamp (7)
- 10 Refined conversation in final group? (5,3)
- 11 Hydrogen atmosphere in musical? (4)
- 12 Rural judo students? (10)
- 14 Rigs news for party animals (8)
- 16 Tungsten loses 25 and leaves its predator (4)
- 18 Cases of a mycological nature unearthed in a science lesson (4)
- 19 Page rims littered with witty words (8)
- 21 Men trip over her for this pyrethroid (10)
- 22 Mixed up date for chelating agent (4)
- 24 Disorder: king with a charged particle and article (8)
- 26 Hobo got a tip for some hidden capital (6)
- 27 Sounds like felonies in this republic (6)
- 28 Re rosier outlook in planetariums? (8)

Down

- 2 Fragrance of a Roman hideaway? (5)
- 3 Muddled men ruin quad for four years (11)
- 4 Appointed beast of burden showed the way? Sounds like it! (8)
- 5 Sneaky goose lost in yard, a long time past (7,5,3)
- 6 Piping in hot tub in garden? (6)
- 7 Rock in Korea (3)
- 8 Claim gnat as a much larger animal (5,4)
- 13 Amateur chemist, wagered lard, composed (6,5)
- 15 Steer wren to the occidental? (9)
- 17 Vermilion can addle brain (8)
- 20 Cab in motoring organisation lacks coordination (6)
- 23 Volume sounds like the result of more spirit (5)
- 25 Animal upset spoil (3)

M	O	L	Y	B	D	E	N	U	M	A	C	T	S
O	J	U	X	T						O			E
L	O	N	E	R	A	U	T	O	C	L	A	V	E
E	S	N	M	E	A	L	R						
	E	C	T	O	P	A	R	A	S	I	T	E	S
B	E	T	L	T	A	A	U						
A	N	D	R	O	G	E	N	C	L	E	R	I	C
K		A	S	C	I		K						
E	N	R	I	C	H	F	U	N	G	I	B	L	E
D	E	R		B	H	O	R						
B	E	G	I	N	G	L	E	T	E	R			
E	A	S	U	R	U	O	Z						
A	N	T	I	P	A	S	T	O	P	A	D	R	E
N	T		T	O	O	I	R						
S	P	A	M	C	O	T	O	N	O	N	T	O	

Solution to January 2009 crossword

The winner of the January 2009 Chemistry World crossword competition is G Davies, Boston, MA, US

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