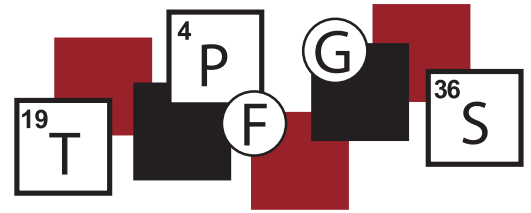


CrosswordPuzzle



Theme: Famous Microscopists 2

by Aubrey Penn and Erica Erickson

1	2		3	4	5		6		7	8	9	10	11
12			13				14			15			
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63	64		65					66				67	68
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74							75						

Across

1. Scanning confocal electron microscope inventor
6. Co-developer of equation with 15 Across *
12. Scanning or transmission (abbr.)
13. Semi-solid
14. Davis, Berkeley, Santa Barbara (abbr.)
15. Developed equation explaining TEM image contrast from lattice defects
16. Roman numeral 2
17. Known for her work developing liquid cell TEM
19. Scratchy throat
20. Palmetto State
21. "On" in Nion Co. *
23. Young Women's Union (abbr.)
24. Mobile phone card
26. That is (abbr.)
27. German Renaissance painter
30. Expression of disgust
31. German-American economist *
34. High-end vehicle denotation (abbr.)
35. Psychic-type Pokemon
36. First observed microorganism in a microscope
38. Letter-shaped steel construction material (pl.)
40. Biologically-inspired machine learning (abbr.)
41. Author of aberration correction textbook
42. Invented the occholino, a microscope precursor (init.)
43. Foldscope inventor
45. Footwear brand (init.)
46. Not applicable (abbr.)
48. Boating signal (abbr.)
50. EELS book author *
51. *Elements in Microscopy and Microanalysis* series editor
54. Recent NFL Tampa Bay Buccaneers resignee (init.)
55. Collective us
56. Greek letter denoting detector quantum efficiency (pl.)
57. EMPAD developer
60. Hallucinogenic drug (abbr., pl.)
62. Known for her advances in cryoEM on energy materials *
63. Developed quantitative STEM
66. Activation energy (abbr.)
67. Area between
69. State of unawareness
71. Pioneer in environmental TEM *
74. Atomic model theorist *
75. Dara Laczniaik is 2021 winner of this MAS student scholarship

Down

1. Famous optician
2. Achromatic microscope inventor
3. User group (abbr.)
4. Optical physicist known for his polynomials
5. Waterweed
6. Unit for electric charge (abbr.)
7. Task
8. Neighborhood group (abbr.)
9. Off-kilter
10. Ice wine (pl.)
11. "Father of Microbiology"
14. Second-hand
18. Elder (abbr.)
22. Kentucky Derby drink (pl.)
25. Member of 2012 Class of MSA Fellows *
28. Back
29. Developer of first TEM
32. Type of lizard (pl.)
33. Sailing apparatus (pl.)
36. CryoEM Nobel
37. Planetary path
39. Countertop material
44. Colloquial "hey"
47. Theory of relativity inventor (init.)
49. Unit of resistance (pl.)
52. French pastry
53. MSA Fellow, Past MSA Council member, and BNL researcher *
54. Subject of *Microscopy Today*, 28(2), March 2020, pp. 52–53
58. Spanish "in" or "on"
59. Tomato sauce (alt.)
60. License office (abbr., pl.)
61. Walk aimlessly
64. Cranial damage (abbr.)
65. Thousand
68. UC-Irvine professor advancing atomic resolution STEM
70. Award element
72. Plural suffix
73. Australian region known for the Outback and red-rocks domes (abbr.)

* Indicates first name

Answers to the crossword puzzle can be found on page 61.

MT

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