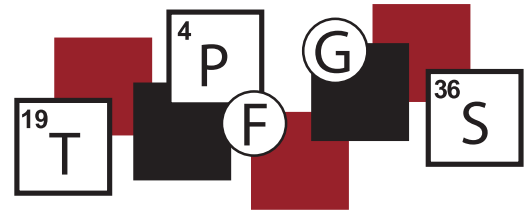


# CrosswordPuzzle

Theme: Famous Microscopists

by Aubrey Penn and Erica Stevens



|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 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 | 29 | 30 |    |    |    |    | 31 |    | 32 |    |    |    |    |    |
| 33 |    |    |    |    |    |    | 34 |    |    |    | 35 |    | 36 | 37 |
| 38 |    |    |    | 39 | 40 | 41 |    |    |    | 42 |    |    | 43 |    |
| 44 |    |    |    |    |    |    |    | 45 |    |    |    |    | 46 |    |
|    |    |    |    | 47 |    |    |    |    | 48 |    |    | 49 |    |    |
| 50 |    | 51 | 52 |    |    | 53 |    |    |    |    | 54 |    |    |    |
|    |    | 55 |    |    | 56 |    |    |    |    | 57 |    |    | 58 | 59 |
| 60 | 61 |    |    | 62 |    |    | 63 | 64 | 65 |    |    | 66 |    |    |
| 67 |    |    |    |    |    |    |    | 68 |    |    |    | 69 |    |    |
| 70 |    |    |    |    |    |    |    | 71 |    |    |    |    |    |    |

## Across

1. Appliance company (abbrev.)
3. \*MSA Fellow from NIST
7. With 2 Down and 37 Down, 2014 47 Across award winner for overcoming Abbé's limit
14. Medical crisis area (abbrev.)
15. Tree species (pl.)
16. Mesopotamian god of death
17. \*"There's Plenty of Room at the Bottom" lecturer
18. Regret
19. Canadian province (abbrev.)
20. US capital (abbrev.)
21. Smart machines (abbrev.)
22. Part of a ship name (abbrev.)
23. Do this with a question
24. Hand sound
27. VW car
28. How the 47 Across award was won by 7 Across, and 44 Across, but not 34 Across and 13 Down
33. \*EELS book author
34. \*With 1 Down, 1986 47 Across award winners for scanning tunneling microscopy
38. Expression of celebration (Gr.)
39. Malaysian term meaning "Sir"
42. Hugs and kisses
43. Old English personal pronoun
44. With 50 Across and 63 Across, 2017 47 Across award winner for Cryo-EM
46. Unit of fluid measurement with submultiple  $10^{-3}$
47. Namesake for the award given to those who have "conferred the greatest benefit to mankind" (2 words)
50. See 44 Across
53. Humanities
54. Graduate student job (abbrev.)
55. Innermost moon of Jupiter
56. Before
57. Gatan data structure (abbrev.)
58. Name for mom
60. Foot arch
63. See 44 Across
67. Nail, for a bird
68. Undefined (abbrev.)
69. Earlier
70. First name of 37 Down
71. Digital camera, in short

\*First Name

## Down

1. \*See 34 Across
2. \*See 7 Across
3. Recap
4. \*Author of "Virtual Electron Microscopy for Undergraduate/Graduate Classes," *Microscopy Today* 13(3) (2005) 58–59
5. Spectroscopy with protons (abbrev.)
6. American currency (abbrev.)
7. Transition metal (abbrev.)
8. Boat rowers
9. Big bird
10. Irish TV broadcaster (abbrev.)
11. Element 11
12. First name of 13 Down
13. 1986 47 Across award winner for the design of the first electron microscope
22. Fill (as with food)
23. Astatine
25. Before noon
26. Research leader (abbrev.)
27. A genus of woodpeckers consisting of the wrynecks, or Pokemon #124
28. Uncle in the TV show Avatar
29. Back of neck
30. Greenish-blue
31. Obtained by flattery
32. Smallest state (abbrev.)
35. Computer controlled
36. Flower cluster
37. See 7 Across
39. Furniture wood
40. Website
41. Up to (2 words)
45. World wide web
48. Nintendo console (abbrev.)
49. Boeing NYSE symbol
50. \*Famous for his polynomials
51. Row
52. \_ \_ this world (2 words)
56. Mini album (abbrev.)
57. Melody
58.  $10^6$
59. Matter building block
61. \*Jazz singer and pianist
62. Association dedicated to defining the future of emergency nursing (abbrev.)
64. German "and"
65. Healthy drink brand
66. Home access center (abbrev.)

Answers to the crossword puzzle can be found on page 73.

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