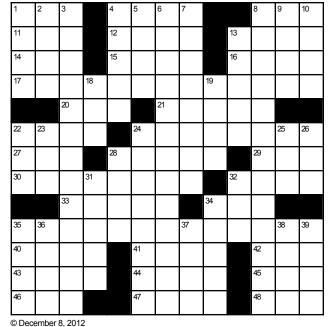
86 Candles for One Minnesota Chemical Luminary by George Barany and Friends

ACROSS

- 1. Low-cost technique for analyzing an organic reaction
- 4. Some apples or Apples
- 8. One-time University of Minnesota colleague Brasted
- 11. Very inexpensive oxidizing agent
- 12. Pain in the neck, perhaps
- 13. One-named modern British singer-songwriter, or old-time actor Tamiroff's first name spelled backwards
- 14. Have a bawl
- 15. University of Minnesota colleague Pete
- 16. Professorial option in an era of grade inflation
- 17. December 8 message to 35-Across
- 20. They grade exams and run lab sections
- 21. Stravinsky's "Le ____ du printemps"
- 22. Trade name of N-(dimethylamino)succinamic acid [daminozide]
- 24. One place to exercise
- Rich, who did undergraduate 27. research with 35-Across and won an Outstanding Achievement Award in 2004
- 28. stapler (tool with a hand grip)
- v. Wade (1973 Supreme 29. Court decision)
- 30. Lab implements for transferring solid chemicals into reaction flasks, or scraping out solid products
- 32. University of Minnesota colleague Kent
- 33. "Ab initio," "agua regia," or "in vacuo," e.g.
- 34. Magazine that facetiously calls its regular writers "the usual gang of idiots"
- 35. Legendary University of Minnesota organic chemist, who while an undergraduate at Harvard lived in the same dorm as Tom Lehrer
- 40. Deceit
- 41. Organic reaction products, often
- 42. Ghost's cry



- 43. Song and dance, e.g.
- 44. Ark architect
- 45. ____ number (designation for a manufactured chemical)
- 46. Dance step
- 47. Noted "Harper's Bazaar" illustrator
- 48. Suffix added to "Mercedes-Benz" in a joke told by a professor of organic chemistry

DOWN

- 1. Dashboard dial, for short
- 2. Old Italian coin
- 3. Turing's team at Bletchley Park, e.g.
- 4. Dayton's successor
- (flag down a taxi) 5. Hail
- 6. Designer who introduced the "New Look" in 1947
- 7. Makes saw-toothed, like a knife blade
- 8. Capable of being broken down
- 9. Gumbo ingredient
- 10. Title leopard in a 1938 Grant/Hepburn comedy
- 13. Skiing gold medalist at Sarajevo
- 18. Norm for Norman

- 19. N.E.A. member
- 22. TV commercials
- 23. Word before "top" or "dog"
- 24. Comprehensive
- 25. Over there
- 26. Bishops and queens, e.g.
- ____ Little Love in Your Heart" 28. "
- 31. " of Hoffmann" [opera about the discovery of orbital symmetry?]
- 32. Bien's opposite
- 34. Israeli leader Dayan
- 35. Saran or sarong
- 36. Halo
- 37. It's about 45 degrees for the Twin Cities: Abbr.
- 38. Typical starting time for research presentations by faculty candidates in the University of Minnesota Department of Chemistry
- 39. Spoil, with "on"