Minnesota Chemistry Anagramacrostic

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It is well known (meaning that we haven't bothered to look up the reference) that few things in life keep the mind as sharp as thinking about chemistry ... and solving puzzles. Below is what we believe to be the first-ever exemplar of a new form of brainteasing, combining elements of acrostic puzzles, anagrams, and crosswords (the cryptic cluing, not the crossing).

Instructions: there follow twelve clues for you to decipher. Each clue is in two parts, a capitalized anagram of a short phrase that answers the jokey reference to a former or current Department of Chemistry faculty member (with one obvious exception) that is given immediately below. A listing of faculty hired from 1867-2001 appears at http://www.chem.umn.edu/alumni/HISTfaculty.html whereas http://www.chem.umn.edu (click on "faculty") provides a current roster. Rearrange the letters of each anagram, and write down your answers in order. The first letters of your answers, read downwards, will spell out the final surprise answer of something that, having been rearranged, is now as good as new. Answers are found on page 18. Enjoy!

-	A SWELL SHOCK Organic chemist Fred's great discovery during his salad days?
-	DO NOT REVUE Physical chemist John's sign-off to his lectures?
-	ANODE SKILL Physical chemist Samuel's means for buttering up students?
-	OH, METHANE LEGEND! Analytical chemist Ed's standard for alchemist's target?
-	DOUGHNUT STORY What happens to TLC plates in organic chemist Richard's lab?
-	ARRIVES TO CARBON Analytical chemist Pete's choice for traveling cross-country to ACS meetings?
-	THINK FINAL BELL Exam instruction from physical chemist Dave?
-	THIN PROFS REJOICE Chemical biologist Jed's vision for the future of chemistry?
-	IF SHE'S NEARBY When to edit analytical chemist Christy's communications?
-	UTTER FROZEN WRATH Change in teaching assignment, to physical chemist John?
-	COSMIC VERB PILES Genuflection to Nobel laureate Bill?
-	_ ENDOWED CELLAR LIEU Moonlit place (French) for Department of Chemistry Instrumentation Facility?

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