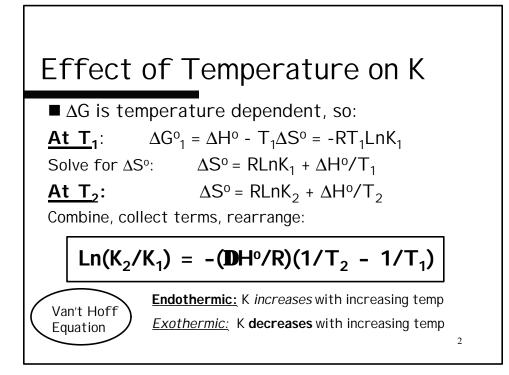
## February 15, 2002

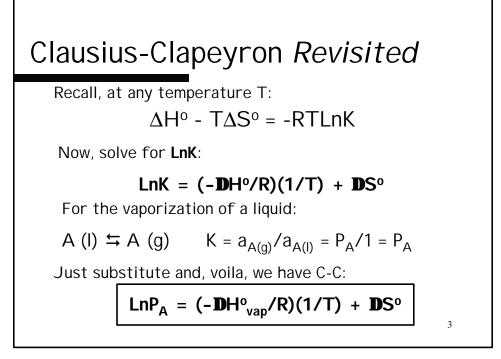
•Exam #1: Solutions key will be online this weekend

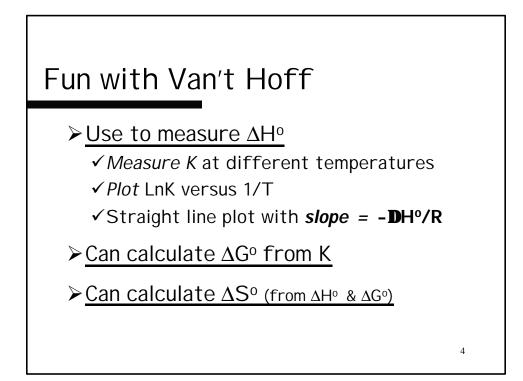
•<u>Chapter 12</u>: Assigned problems will appear online later today

•<u>University Holiday:</u> Monday, 2/18 (Happy Presidents' Day!)

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Let's look at this process to make ammonia:

$$\frac{1}{2}N_{2}(g) + \frac{3}{2}H_{2}(g) \leftrightarrows NH_{3}(g)$$

Some thermodynamic constants:

DG° <sub>f</sub> :	0	0	-16.48 kJ/mol
DH° <sub>f</sub> :	0	0	-46.11 kJ/mol

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