MEMORANDUM

To: Students Taking Cumulative Exams
   Sudipta Bose, Keheley Davies, Sudarshan Kapadnis and Sachintha Wijesinghe at UMass Lowell
   Si Zhou and Xiaofei Lu at UMass Dartmouth

From: Dr. David K. Ryan

Date: December 19, 2014

Topic: Revised Analytical Cumulative Exam Schedule for 2014/2015

The cumulative exams for the 2014/2015 academic year will be conducted in a manner similar to
the last several years. The first exam will be concerned with General Analytical Chemistry and will be
followed by five additional exams on other cumulative topics. The topic, date, time, and faculty in charge
of a particular exam are given below for UMass Lowell students. UMass Dartmouth students will take
the General Analytical Exam and the Analytical Literature provided by UMass Lowell and 4 other exams
provided by UMass Dartmouth Chemistry faculty. You are urged to consult with the individual faculty
regarding more specific information.

You are required to take the General Analytical Chemistry Exam and score at least 5.0 out of 10.0
(50%). If you score less than 50%, you have the option of retaking the exam at the end of the schedule in
April (see below). If you choose to retake the exam, your overall score will be calculated using the grade
obtained for the second exam and the results of the first exam will be discarded.

Each of the exams will be graded out of 10.0 points. In order to successfully complete the
cumulative exams you must score a minimum of 5.0 points in one of the General Analytical Chemistry
Exams, take all of the five other exams in order in a given year, and score a minimum of 36.0 out of 60.0.
If you are unable to pass you will be ineligible to proceed in the Chemistry Ph.D. Program.

If you miss a cumulative exam, a grade of 0 will be assigned. There are no make-up cums.

Cumulative Exam Schedule
Analytical and Environmental Chemistry Ph.D. Programs

General Analytical Chem. (Dr. Ryan)     Friday, 17 October 2014, 1:30 PM
Electrochemistry (Dr. Ryan)              Friday, 14 November 2014 1:30 PM
Molecular Spectroscopy (Dr. Ryan)        Friday, 19 December 2014, 1:30 PM
Anal. Literature (Dr. Chow)              Friday, 16 January, 2015, 1:30 PM
Ionic Equilibria (Dr. Ryan)               Friday, 13 February, 2015, 1:30 PM
Chromatography (Dr. Barry)               Friday, 13 March, 2015, 1:30 PM
General Analytical Chem. (Dr. Ryan)      Friday, 17 April, 2015, 1:30 PM

cc: Dr. Eugene Barry
    Dr. Kwok-Fan Chow