

**Chemistry 395-Spring 2004**  
**Professional Issues in Chemistry and Biochemistry**  
The University of Maryland at College Park, Department of Chemistry and Biochemistry

Time	Tuesday 11:00-11:50
Location	CHM 1402
Instructor:	<u>Dr. Frederick Khachik</u>
E-Mail	<u>fk17@umail.umd.edu</u>

**Synopsis:** For CHEM and BCHM majors. Seminar on professional issues. Professional responsibilities, ethics, interview techniques, career opportunities, graduate/professional school opportunities.

**Purpose:** This course will help you formulate an effective career plan. Invited speakers will share career-related information. We hope that their advice and experience will help you chart your own path.

**Speakers:** We've asked each speaker to present for 30 min. This should provide time (15 min.) for questions and discussion. If you have suggestions for other speakers let us know. Also, remember that you represent the University to these speakers.

### **ASSIGNMENTS AND DUE DATES**

1. **Comments about speakers.** Feel free to comment on the speakers. E-mail comments to: fk17@umail.umd.edu. What was effective and interesting about a presentation? What did you find thought provoking? What questions did you have after hearing the speaker? These comments provide valuable feedback to the instructors and speakers.

2. **Personal Statement. Due to Dr. Khachik on 4/6/2004.** Submit a well-organized personal statement (2 pages). How did you get to where you are today? What are your career goals? What are your strengths? What accomplishments are you most proud of? What qualities set you apart? These statements are valuable for those who will write letters of recommendation.

3. **Career Plan and Resume. Due to Dr. Khachik on 5/11/2004.** Whether it be an application to graduate or professional school, an industrial job application, an application for an internship or a teaching position, submit a detailed plan on how you propose to obtain that next position. What information do you need to get an interview? How will you make that interview a success? Do careful research. Provide data and facts that make an evaluator take your plan seriously. Along with this plan, include a professional resume.

<b>Jan. 27</b>	Dr. Frederick Khachik Introduction to Chemistry 395
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### **Speaker Schedule**

<b>DATE</b>	<b>SPEAKER</b>
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<b>Feb. 3</b>	Mark Kenyon, Program Director, UMCP Career Center Resources at the Career Center
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<b>DATE</b>	<b>SPEAKER</b>
<b>Feb. 10*</b>	Dr. Michele Wells*, Ph.D. Antimicrobial Agents Research Team, Drug Discovery Johnson & Johnson Pharmaceutical Research and Development
<b>Feb. 17</b>	Dr. Michael Doyle, Chair, Department of Chemistry & Biochemistry, UMCP
<b>Feb 24*</b>	Dr. Robert Esmond*, Patent Attorney Careers in the Law
<b>March 2*</b>	Dr. Mary Lou Fultz*, Director, ATF Forensics Labs
<b>March 9*</b>	Dr. Erik Young*, Physician and Developer Careers in and out of Medicine
<b>March 16</b>	Leland P. Vickers, Sr. Director, Clinical Operations & Animal Health ICON Clinical Research, Inc.
<b>March 23</b>	<b>SPRING BREAK</b>
<b>March 30*</b>	Dr. Paul Wilson*, Technical Director for Industrial Coating and Finishes, PPG Industries, Chemistry Career in Industrial Finishes
<b>April 6*</b>	Dr. Edward Kordoski*, Executive Director, Management Center, Synthetic Organic Chemical Manufacturers Association, Washington D.C., Learning from Three Distinct Chemical Careers
<b>First Assignment Due</b>	
<b>April 13</b>	Dr. Sandra Greer, UMCP, Chemistry & Biochemistry Ethics in Science
<b>April 20*</b>	Dr. Herbert Fried*, Principle & CEO, Data Trace Publishing, Career Opportunities with a Chemistry Background
<b>April 27</b>	Dr. Bryan Eichhorn, Graduate Studies Chair, Chemistry & Biochemistry Getting into Graduate School
<b>May 4</b>	Dr. Vincent J. Kalish, Principal Scientist, Guilford Pharmaceuticals, Baltimore, Chemistry Career in Pharmaceuticals
<b>May 11</b>	<b>No Class-Second Assignment Due</b>
	<b>* University of Maryland Chemistry Alum</b>