This 14 lecture-discussion module is structured to introduce students to the integration between basic and clinical research on the cellular and molecular pathogenesis of kidney diseases. The course will provide students with an overview of selected kidney diseases, their diagnosis and clinical management. The lecture portion of the course will be followed by student presentations/in-depth discussions concerning the pathology of various other kidney diseases, with particular attention focused on both the cellular and molecular mechanisms involved in the progression of these diseases.

Dr. W. Clapp
1. Renal Development March 22
2. Disorders of Renal Development March 24
3. Glomerular Disorders March 26

Dr. W. Winter
4. Clinical Laboratory Testing in Renal Diseases I March 29
5. Clinical Laboratory Testing in Renal Diseases II March 31
6. Diabetic Nephropathy I April 2
7. Diabetic Nephropathy II April 5

Dr. S.R. Khan
8. Kidney Stone Disease April 7

Dr. M. Hatch
9. Renal and Intestinal handling of Oxalate in Stone Disease April 9

Dr. L. Morel
10. Autoimmunity/Lupus, part I April 12
11. Autoimmunity/Lupus, part II April 14

Dr. J. Scornik
12. Transplantation April 16

Dr. M. Hatch
13. Student Presentations and Discussions on Kidney Diseases I April 19
14. Student Presentations and Discussions on Kidney Diseases II April 21

Grading criteria: This module will consist of 12 lectures. Two lecture periods (#13 and #14) are reserved for individual student presentations. Grading (a letter grade) will be based on the combined assessment of (i) attendance, (ii) class participation throughout the lecture period and (iii) a short presentation made by each student on a specific kidney disease.