Forward

This brochure describes the noncredit electives offered to students in Fall 2010 at New Jersey Medical School. The noncredit elective program augments required coursework and is designed to assist students in career planning. Noncredit electives offer students the opportunity to explore facets of their professional role in an informal atmosphere.

In order to be eligible for a notation on your academic transcript, you must register for a noncredit elective by September 8, 2010 using the registration form provided to you under separate cover. Unfortunately, retroactive registration is not permitted.

Students are permitted to register for up to three noncredit electives per term. The dates/times of the electives cannot conflict. Students may enroll for four noncredit electives if one of your elective choices is SFHCC. If you wish to enroll in more than four noncredit electives, please contact me.

On the registration form, only list noncredit electives in which you wish to enroll. If you enroll in a noncredit elective and then wish to drop it, you do not need to notify the Registrar’s Office. Noncredit elective drop activity is not noted on your academic transcript; noncredit electives will be officially recorded on your transcript only if you complete the noncredit elective requirements.

Unless you hear otherwise, you are automatically enrolled in your noncredit elective choices upon submission of registration material. If you are closed out of an elective because a course has reached enrollment capacity, you will be notified by the Registrar’s Office.

If you have any additional questions, please contact the Office of the Registrar.

Best wishes for a rewarding and enjoyable year!

Julie E. Ferguson, MPA
Assistant Dean for Student Affairs/Registrar
MSB-B640
Phone 973-972-4640
Fax 973-972-6930
fergusje@umdnj.edu
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CREATIVE ARTS IN END OF LIFE CARE
FROM DIAGNOSIS TO DEATH: ESSENTIAL COMMUNICATION SKILLS (OE 0025)

I. COURSE DESCRIPTION

Excellence in caring for the seriously ill patient is the artful combination of medical knowledge, interpersonal communication skills and compassionate understanding that a patient is not a “disease,” and a physician is not a “technician.” It is increasingly evident from recent published studies that the ability to communicate well is essential to positive patient and family centered care, and the avoidance of conflict, non-compliance, and malpractice suits. Patient attitudes, values, and preferences must be integrated into the advance care planning process to better meet the patient’s needs. Communicating with skill and empathy, in other words, “walking in the patients’ shoes and seeing through their eyes,” is essential in achieving the best quality of care at end of life. Exposure to the creative arts assists medical students in developing outstanding communication skills leading to relationships based upon mutual respect, trust, and integrity.

Topics for discussion include:

- Promoting the Healing Relationship: Medicine and the Creative Arts
- The Nature of Patient Suffering
- The Physician-Patient Relationship
- Legal and Ethical Issues at End of Life
- Truth-telling: Balancing Autonomy vs. Paternalism
- Strategies for Breaking Bad News
- Dealing Effectively with Conflicts in Medical Treatment
- Palliative Medicine: Facing Death with Dignity and Reverence

II. FORMAT

Participants will gain perspective and develop effective communication skills by exposure to the creative arts: film, poetry, and literature. Students will have short reading assignments and share written reflections. Credit for completion of the elective will depend on attendance of six of the seven scheduled sessions. This elective will meet on the following dates:

- Wednesday, 9/15   1:00 pm – 2:00 pm
- Wednesday, 9/22    1:00 pm – 2:00 pm
- Wednesday, 10/6   1:00 pm – 2:00 pm
- Wednesday, 10/20 1:00 pm – 2:00 pm
- Wednesday, 11/3           1:00 pm - 2:00 pm
- Wednesday, 11/17 1:00 pm - 2:00 pm
- Wednesday, 12/1          1:00 pm - 2:00 pm

III. LOCATION

MSB B540 c&d

IV. RESPONSIBLE FACULTY

Diane L. Kaufman, M.D.
Assistant Professor Psychiatry
Adult and Child Psychiatrist
Director Creative Arts in Healthcare
New Jersey Medical School/UBHC
973-972-8833
kaufmanadi@umdnj.edu
CREATIVE ARTS IN END OF LIFE CARE
FROM DIAGNOSIS TO DEATH: ESSENTIAL COMMUNICATION SKILLS (con’t)

Dr. Kaufman is a recipient of the Leonard Tow Humanism and Medicine Award from the New Jersey Healthcare Foundation, received the University Behavioral HealthCare’s Master Clinician Award, was honored with a Teaching Excellence Award by the Department of Psychiatry in 2009, has provided psychiatric clinical care to children and adults at UBHC (Newark) for the past 24 years, and is a published poet actively involved in promoting the practice of expressive arts in healing.

Helen D. Blank, PhD
Adjunct Faculty, Stevens Institute of Technology
Director of Clinical Counseling
Vital Decisions, LLC
Millburn, New Jersey
973-379-0079
hblank@vitaldecisions.net

The course co-facilitator is biomedical ethicist, Helen D. Blank, Ph.D. From 2002 through 2008, Dr. Blank was Clinical Ethicist at UMDNJ- NJMS and was responsible for the Clinical Ethics and Health Care Law Module of the Physician’s Core program. With Dr. Kaufman she was co-recipient in 2008 of the Healthcare Foundation Center for Humanism and Medicine at NJMS Recognition Award. Dr. Blank teaches bioethics at Stevens Institute of Technology and serves on many hospital ethics committees. She is the Director of Clinical Counseling at Vital Decisions, LLC, a national healthcare counseling/bioethics service whose goal is to assist seriously ill patients to “live well” at the end of life.

V. REGISTRATION

Registration will be conducted by the Registrar’s Office, in the Medical Sciences Building, B-level, Room 640. The enrollment limit for this course is 25 students. There is a minimal enrollment of 10 students for the course to be conducted.
FELLOWSHIP IN MEDICAL EDUCATION (OE 9010)

I. GOALS AND OBJECTIVES

This goal of this elective is to give graduating medical students the opportunity to experience and learn how to teach in small groups, which is a skill they will need during residency training. Fourth year students submit cases describing infectious diseases or biochemically-based conditions that they have encountered in their clinical experience to date. Three or four cases are chosen for use in case-based discussions with second year students enrolled in Infection and Host Response, EDUC7001. Groups of students rewrite and edit each case, provide a list of questions that second year students must prepare in advance of the small group session, write a facilitator guide that all fourth years use to guide their teaching, prepare a student answer key that is distributed at the end of each session and write multiple choice questions that will be used in the unit exams.

II. FORMAT

- There are three training sessions to discuss teaching in small groups, grading principles and a rehearsal of the first session.
- There are three or four small group sessions in which the fourth year student serves as a facilitator for 10-12 second year students enrolled in Infection and Host Response.
- An organizational session is held in early June and training sessions are held weekly in August; sessions are generally held in the late afternoon or early evening for 1-2 hrs each.
- The actual small group sessions will be held September 8th, 13th, 24th and October 1st from 9:00 am – 11:00 am.

III. LOCATION

- Training sessions are held in a small classroom on B level in the MSB.
- Small group sessions are held in the MSB rooms B540a, B540b, B540c, B540d, B540e, B540f, B609b, B609c, B617b, B617c, B619b, B619c, B601, B603, C680, C682, C684, C686.

IV. REGISTRATION

Number of anticipated enrollees, enrollment limit and classes eligible for attendance (i.e. 1st year only, etc.): Only fourth year students can participate in this elective. About 20-25 students typically enroll. With 18 small group rooms, a maximum of 36 students can participate. Course requirements for completion are that all students have taken Infection and Host Response in their second year at NJMS. Contact Dr. Marjorie Brandriss to indicate interest in participating.

V. RESPONSIBLE FACULTY

Marjorie C. Brandriss, Ph.D. (brandris@umdnj.edu)
HANDS-ON SURGERY (OE 0046)

I. GOALS AND OBJECTIVES

The elective will consist of five lectures given by surgeons in different surgical subspecialties. They will speak about their specialty and how they came about choosing their specific field. They will offer advice on obtaining a residency program in that field, and will answer any other questions that students might have. After this, the surgeon will describe a common case that is seen in his/her specialty and will discuss the work-up and treatment involved in that particular case. It is our hope that this elective will offer insight into the interesting field of surgery and offer the experience and exposure that not many other electives can.

II. FORMAT

In order to receive credit for this elective, students must attend at least four of the five scheduled lectures. This course will meet on Wednesday evenings on the following dates:

- Wednesday, 9/15  6:00 pm to 7:30 pm
- Wednesday, 10/6  6:00 pm to 7:30 pm
- Wednesday, 11/3  6:00 pm to 7:30 pm
- Wednesday, 11/17  6:00 pm to 7:30 pm
- Wednesday, 12/1  6:00 pm to 7:30 pm

III. LOCATION

Lecture Series: MSB B 610

IV. REGISTRATION

Registration will be conducted by the Registrar’s Office, in the Medical Science Building, B-Level, Room 640. This course is open to ALL STUDENTS. A maximum of 125 students can enroll in this course. If the number of interested students exceeds the maximum of 125, a random selection of students will be chosen.

V. RESPONSIBLE FACULTY

Dr. Kenneth Swan (swanke@umdnj.edu)

VI. STUDENT COORDINATOR

Ian Hoppe (hoppeic@umdnj.edu)
INTEGRATIVE, COMPLEMENTARY AND ALTERNATIVE MEDICINE (OE 0016)

I. GOALS AND OBJECTIVES

The Integrative, Complementary and Alternative Medicine (CCIM) Elective aims to give students broad exposure to the various modalities of healing that exist outside of the traditional western model in a relaxed, fun, and interactive setting. It is our humble wish that by exposing students to non-western healing modalities, we can help them learn about the residency and certification opportunities that are open and available in these practices, and the benefits they have to offer. Students will have the opportunity to practice the skills and techniques they have learned firsthand.

Examples of techniques include Shiatsu massage, basic yoga instruction, Acupuncture, and Pilates. Some events have limited maximum enrollment, but those will be advertised extensively in advance. If you are really interested in any of those, sign up early by emailing the coordinators! Coordinators’ emails are listed below.

II. FORMAT

The elective will be offered on the following Mondays and Wednesdays at 12:00 pm to 1:00 pm or 5:30 pm to 6:30/7:30 pm depending on the date. Please note that some of these events are tentatively scheduled as of August 23, 2010, and are somewhat subject to swap, though the dates and times will generally remain the same.

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Time</th>
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<tbody>
<tr>
<td>9/15</td>
<td>Ayurveda I</td>
<td>1:00-2:00 pm</td>
</tr>
<tr>
<td>9/20</td>
<td>Shiatsu Massage</td>
<td>5:30-7:30 pm</td>
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<tr>
<td>9/22</td>
<td>Ayurveda II</td>
<td>1:00-2:00 pm</td>
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<tr>
<td>9/29</td>
<td>Swedish Massage</td>
<td>5:30-7:30 pm</td>
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<tr>
<td>10/4</td>
<td>Meditation</td>
<td>(date subject to change)</td>
</tr>
<tr>
<td>10/6</td>
<td>Acupuncture</td>
<td>(date subject to change)</td>
</tr>
<tr>
<td>10/13</td>
<td>TCM</td>
<td>(date subject to change)</td>
</tr>
<tr>
<td>10/27</td>
<td>Reiki</td>
<td>1:00-2:00 pm</td>
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<tr>
<td>11/3</td>
<td>Tai Chi/Qi Gong</td>
<td>5:30-6:30 pm</td>
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<tr>
<td>11/17</td>
<td>Herbology</td>
<td>(date subject to change)</td>
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<tr>
<td>11/22</td>
<td>Homeopathy</td>
<td>(date subject to change)</td>
</tr>
<tr>
<td>11/24</td>
<td>Yoga</td>
<td>(date subject to change)</td>
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<tr>
<td>12/1</td>
<td>Pilates I</td>
<td>1:00-2:00 pm</td>
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<tr>
<td>12/8</td>
<td>Pilates II</td>
<td>1:00-2:00 pm</td>
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III. LOCATION

MSB B552, B556, C-Level Lounge, Rosemary Gallene Room

IV. REGISTRATION

Registration will be conducted by the Registrar’s Office, in the Medical Sciences Building, B-Level, Room 640. This course is open to all students. There is an anticipated enrollment of 30 students and an enrollment limit of 60 students. Students must attend a total of 9 out of the 14 (or more, if additional ones are added) events to complete the elective.

V. RESPONSIBLE FACULTY

Dr. Cynthia Paige (paigecy@umdnj.edu)

VI. STUDENT COORDINATORS

Shweta Bharadwaj (bharadsr@umdnj.edu)
Angie Paik (paikan@umdnj.edu)
Matt Van Auken (vanaukmd@umdnj.edu)
THE INTERNAL MEDICINE INTEREST GROUP: “CLUB MED” (OE 0056)

I. GOALS AND OBJECTIVES

To create an elective that provides first and second year medical students with the foundation to ease their transition from the classroom to the floors. The Department of Medicine and Club Med will provide students with a lecture series, in conjunction with hands-on training while on the floors.

Every bit of clinical knowledge is beneficial for rising third year student. Under the guidance of the IM residents, this elective aims to sharpen students’ clinical skills, didactic skills, and ability to apply their basic science knowledge in a clinical setting.

The elective will have 2 components

1. Lecture Series

   a. Students will be expected to attend 6 lectures over the course of the elective period (one full academic year). Lectures will be scheduled during the current regular elective periods on Wednesdays in the 1st year Lecture Hall, B556. However, there will be some optional lectures that will be open to the entire 1st and 2nd year class that will be held in a lecture hall B610, but not necessarily on a Wednesday.

   b. Lecture topics will focus on developing practical clinical skills, including but not limited to, the following topics:

      1. What is Internal Medicine?
      2. Subspecialties of Internal Medicine (Cardiology, Gastroenterology; Endocrinology; Infectious Disease; Nephrology; Hematology; Medical Oncology; Pulmonology)
      3. Generating a differential diagnosis
      4. How a private practice is run
      5. How to write a note and present to an Attending
      6. Overview of common procedures (lumbar puncture, intubation, thoracocentesis, etc)
      7. Internal Medicine Match Panel

2. Hospital Sessions

   a. Students will be expected to attend 4 clinical sessions total. During these sessions, groups of students 3-5 will work with a resident for about 1 ½ to 2 hours in the hospital. These sessions will be scattered throughout the year to allow flexibility for both the medical students and residents. Clinical sessions will also feature specialized sessions in cardiology, GI, ICU/CCU, etc.

   b. Students will see patients on the floor, perform a physical exam, access labs and generate an impression, differential diagnosis and plan. They will then present the patient to their resident. This will be followed by a discussion of the case, which will highlight important physical findings and historical clues. The residents will help students generate a differential and plan, always helping students to correlate their pre-clinical basic sciences with clinical practice.

II. FORMAT

This course is offered on Wednesdays beginning September 15, 2010 and is offered throughout the academic year. The lectures will run on the following dates: 9/15, 9/22, 9/29, 10/6, 10/13, 10/20, 10/27, 11/3, 11/10, 11/17, 12/1 & 12/8 from 1:00 pm to 2:00 pm. The enrollment capacity for this elective is 200 students maximum. There are approximately 18 sessions over the year, 6 of which are needed to get credit including hospital sessions. Registration will be conducted by the Registrar’s Office, in the Medical Sciences Building, B-Level, Room 640.

III. LOCATION

MSB B 556

IV. RESPONSIBLE FACULTY

Course Faculty Director: Dr. Neil Kothari (kotharne@umdnj.edu)

Course Student Director: Jonathan Pan (panjs@umdnj.edu)
Angie Paik (paikan@umdnj.edu)
INTERNATIONAL MEDICINE (OE 0043)

I. GOALS AND OBJECTIVES

It is the intention of this course to present a picture of medical care systems and public health problems and their intervention programs in other countries from the perspective of their physicians and American physicians in the field.

The current and future supply and demand for U.S. physicians and public health professionals in international medical and public health affairs are not well known. However, international cooperation in the medical and public health field is continuously increasing. Medical and public health collaboration through the World Health Organization, and directly between countries, is now virtually worldwide. Many needy countries receive direct medical and public health assistance from more fortunate ones in improving national health care, public health care and as well as implementing current intervention programs. It seems clear that increasing numbers of American medical and public health personnel will be required in the coming decades to become involved in the international medical care and public health care systems.

II. FORMAT

The course will be conducted as a seminar with a great deal of discussion. The lecturer will provide an overall picture of the medical care system for about 45 minutes and leave the remaining time for students' interactions and questions.

The course is open to all medical students at the New Jersey Medical School. The course will run for 9 weeks on Wednesdays from 1:00 p.m. to 2:00 p.m. from September 15, 2010 through November 10, 2010.

Guest speakers include physicians from several countries and also include American physicians who have practiced medicine and/or public health in other countries. Topics will cover medical care systems and medical issues and the intervention programs of a variety of countries, the majority of which are in the developing world. The course also includes a lecture on global major public health problems and intervention programs and an update on health information for international traveling. The seminar schedule will be distributed early in the semester.

The Department of Preventive Medicine and Community Health will take participation in this elective into consideration towards further training of medical students in the Overseas International Medicine Third and Fourth Year elective programs.

III. LOCATION

MSB B540 e&f

IV. DIRECTOR AND CONTACT FACULTY

G. Reza Najem, M.D., M.P.H., Ph.D.; Professor of Preventive Medicine and Epidemiology
Medical Sciences Building, F-Level, Room 516
Telephone: (973) 972-4778
E-mail: najem@umdnj.edu

V. COURSE REQUIREMENTS

There are no quizzes or examinations or reading assignments. Attendance at two-thirds of the sessions will result in a notation on the student's permanent record for taking the International Medicine course.

VI. REGISTRATION

Registration will be conducted by the Registrar’s Office, in the Medical Sciences Building, B-Level, Room 640. Although a minimum enrollment of ten students is required for the course to be offered, over 40 students have enrolled in this elective each year for the past 15 years. The students enjoyed this elective and evaluated the course excellently.
INTRODUCTION TO EMERGENCY MEDICINE (OE 0053)

I. GOALS AND OBJECTIVES

Emergency Medicine is an exciting and challenging field. The Emergency Department (ED) at University hospital serves as an outstanding training area for medical students and residents. Through this elective, first and second year students would be able to gain exposure to emergency medicine and clinical practice. You will improve your patient interaction skills; see relevance of topics presented in formal coursework, and cement new knowledge using real world applications.

II. FORMAT

Students will work closely with an Emergency Medicine faculty member or resident in the University Hospital Emergency Department observing, and performing when comfortable, history and physical exams and emergency procedures. Exposure to developing differential diagnosis, EKG, lab and X-ray interpretation will also be afforded. After attending a mandatory training session the student will become eligible to sign up for four hour shifts in the ED. Shift scheduling guidelines will be presented during the training sessions. Before the end of the semester the student must complete a total of 24 hours in order to complete the elective.

III. LOCATION

Training Sessions
The dates for the training sessions are as follows:
** Attendance required at only one session **

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>9/8</td>
<td>1:00 pm- 2:00 pm</td>
<td>MSB B 556</td>
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<tr>
<td>9/15</td>
<td>5:00 pm- 6:00 pm</td>
<td>MSB B 556</td>
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Shadowing Sessions
After attendance at a training session, completion of 24 hours of shadowing time in the University Hospital Emergency Department is required. Shifts are typically daily weekdays from 3pm-7pm, and 7pm-11pm. Weekend shifts are typically from 7am-11am, 11am-3pm, 3pm-7pm, and 7pm-11pm. Further explanation will be provided during the training sessions.

IV. RESPONSIBLE FACULTY

Janine Grayson, MD, MPH
Assistant Professor
Department of Emergency Medicine
150 Bergen Street
Newark, NJ 07101

V. STUDENT COORDINATORS

Matt Steenberg (steenbmf@umdnj.edu)
Dan Mirau (mirauda@umdnj.edu)

VI. REGISTRATION

All students (not just EMIG members) will be permitted to register. There is no limit on the number of students that can register for the noncredit elective. Students must attend one of the two training sessions that are scheduled. The sessions will be approximately 20-30 minutes long. After attending the training session the student will become eligible to sign up for shadowing time slots on Catalyst (EMIG website). Registration for the elective will be conducted by the Registrar’s Office, in the Medical Sciences Building, B-Level, Room 640.
INTRODUCTION TO HEALTH CARE REFORM (OE 0059)

I. GOALS AND OBJECTIVES

A vital part of a complete medical education includes knowledge of the American healthcare system, both as it currently exists and as it may change in the future. This is particularly of interest given the present legislative goals and the political environment in Washington. The goal of Introduction to Healthcare Reform is to provide NJMS students with a general understanding of the healthcare system’s present structure, the varied threats to its continued function and stability, and possible solutions to consider.

The course will begin with an introductory review of the health care system. Subsequent lectures will examine problems in medical education, hospital management, physicians’ burdens, and patient care. Lectures offering answers to these issues will follow, primarily with solutions put forth by speakers advocating two fundamentally differing approaches to solving the problem: one through a single-payer national health insurance system and the other through a more market-based privatized approach. These lectures will be followed by detailed examination of the solutions currently offered by prominent politicians and candidates, including an examination of the various plans currently taking shape in Congress, as well as the health reform legislation offered in New Jersey.

II. FORMAT

**September 13th- Understanding the Healthcare System**  
Speaker: Barbara Fadem, Professor, Department of Psychiatry, New Jersey Medical School

**September 20th- New Jersey’s Healthcare Reform: Why we should stay**  
Speaker: Dr. John Poole, General Surgeon, Hackensack University Medical Center

**September 27th- AMSA (TBA)**  
Speaker: TBA

**October 4th- The Transformation of Medical Education**  
Speakers: Dr. Caryl Heaton, Vice Chair, Department of Family Medicine; UMDNJ-New Jersey Medical School and Dr. Peter Carmel, Chair, Department of Neurological Surgery, UMDNJ-New Jersey Medical School

**October 11th- What is the Healthcare Reform Bill?**  
Speakers: Dr. Caryl Heaton, Vice Chair, Department of Family Medicine, UMDNJ-New Jersey Medical School

**October 18th- The Single-Payer Solution (PNHP/AMSA) (TBA)**  
Speakers: Dr. Himmelstein, Department of Medicine, Harvard Medical School (TBA)

**November 1st- The Plans for Health Care Reform in 2010 as of This Week**  
Speaker: Dr. Peter Carmel, Chair, Department of Neurological Surgery, UMDNJ-New Jersey Medical School

**November 8th- AMSA (TBA)**  
Speaker: TBA

**The Student Debate over Healthcare Reform**

**November 15th- Differing Viewpoints: AMA vs. PNHP**  
Speakers: New Jersey Medical School Students  
Moderator: TBA

Introduction to Health Care Reform will be offered on scheduled evenings in MSB B-552 this fall. Credit for completion of the elective will depend on attendance at six of the nine events. Please e-mail the faculty course directors if there are unavoidable conflicts. This elective will meet from 5:00 pm – 6:30 p.m. on the following dates: 9/13, 9/20, 9/27, 10/4, 10/11, 10/18, 11/1, 11/8, and 11/15 with potential future dates to be announced. Some lectures and dates are subject to change.

III. LOCATION

MSB B-552 lecture hall
INTRODUCTION TO HEALTH CARE REFORM (con’t)

IV. RESPONSIBLE FACULTY

Dr. Peter Carmel
Chair, Department of Neurological Surgery, UMDNJ-New Jersey Medical School
carmel@umdnj.edu

Dr. Caryl Heaton
Vice-Chair, Department of Family Medicine, UMDNJ-New Jersey Medical School
heaton@umdnj.edu

V. RESPONSIBLE STUDENTS

Jill Deutsch, MSII
deutscjk@umdnj.edu

Sindhuri Prakash, MSII
prakassii@umdnj.edu

Jonah Pozen, MSII
jpozen@gmail.com

VI. REGISTRATION

There is no enrollment limit for this course and all classes are eligible to register. There is an expected attendance of 120 students, faculty and staff. Registration will be conducted by the Registrar’s Office, in the Medical Science Building, B-Level, Room 640.
INTRODUCTION TO OPHTHALMOLOGY (OE 0057)

I. GOALS AND OBJECTIVES

Our elective is designed to cater to both aspiring ophthalmologists and to those striving to be well-rounded physicians. Due to the debilitating effects of eye pathology, a sound understanding of visual disorders is of the highest importance. Sixty percent of Americans demonstrate visual impairment. Over half of Americans develop cataracts by age 80. Additional culprits such as glaucoma, orbital tumors, ocular trauma, corneal ulcers, and conjunctivitis afflict millions every year. Moreover, the etiology is often not limited to the eye. Illnesses such as diabetes, cardiovascular disease, and autoimmune disease encroach on visual functioning as well. For that reason, the eye proves to be an indispensable diagnostic tool to all physicians- truly a window into the inner workings of the body. This year, our theme will be the technological and political future of ophthalmology (and its subspecialties).

This elective will comprise ten-twelve lectures covering the following topics:

- Cataracts
- Diabetic Retinopathy
- Age-Related Macular Degeneration
- Glaucoma
- Optic Neuritis
- Nutrition & The Eye
- Oculoplastics
- Ocular Trauma
- Cornea/Uveitis
- Telemedicine
- Ophthalmology Resident Panel
- Ophthalmology in Private Practice

II. FORMAT

In order to receive credit for this elective, students must attend at least eight lectures. Students must also volunteer at one community eye screening event held through the Telemedicine Outreach Program here at UMDNJ (usually Wednesday and Saturday mornings, throughout the year).

Schedule: Mondays, 5 pm to 6 pm; 9/13; 9/20; 9/27; 10/4; 10/11; 10/18; 11/1; 11/8; 11/15; 11/22; 11/29; 12/6. Also one Wednesday, 5 pm to 6 pm, date TBD. These are tentative dates as we still have not completed scheduling the speakers.

Location

MSB B 610 (except the 12/6 session, which will be held in MSB B 552)

III. REGISTRATION

This course is open to all academic years. We anticipate 20-25 enrollees but can accommodate more. Registration will be conducted by the Registrar’s Office, in the Medical Science Building, Room B-640.

IV. FACULTY COORDINATOR

BJ Wagner, PhD
Department of Biochemistry and Molecular Biology
UMDNJ- New Jersey Medical School
185 South Orange Avenue, E-654
Newark, NJ 07103
Tel: (973) 972-4486
E-mail: wagner@umdnj.edu
INTRODUCTION TO OPHTHALMOLOGY (con’t)

V. STUDENT COORDINATORS

Avni Shah (shah55@umdnj.edu)
Lekha Ravindraraj (ravindlk@umdnj.edu)
Ramya Natarajan (natarara@umdnj.edu)
Varun Maheshwari (maheshva@umdnj.edu)
MINI MEDICAL SCHOOL OUTREACH (OE 0061)

I. GOALS AND OBJECTIVES

Each week medical students will be taken to one of two sites to educate members of the community who are residents of local shelters on a variety of medical issues. Lessons were developed in conjunction with UMDNJ faculty, and represent a wide variety of topics normally covered during the education component of a primary care visit.

II. FORMAT

This elective is open to all students. It will be offered on the following Wednesdays from 12:45 pm to 2:15 pm: 9/15 through 11/17. Participating students will be given lesson material one week in advance to provide adequate time for preparation and three or more students will act as preceptors in each class. Preceptors will also be given copies of the power point presentations and relevant educational material to distribute to the residents. Students must complete six of the nine sessions to receive a notation on their transcript.

III. LOCATION

Bus service will be provided to:

Newark Renaissance House       The Kintock Group
50 Norfolk Street             50 Fenwick Street
Newark, NJ 07103             Newark, NJ 07114

IV. RESPONSIBLE FACULTY

Jacob Jay Lindenthal, Ph.D., Dr.PH
Department of Psychiatry, Professor
lindenth@umdnj.edu

V. STUDENT COORDINATORS

Seema Anandalwar (anandasp@umdnj.edu)

Ondrea McKay (mckayoa@umdnj.edu)

Paul Kolarsiek (kolarspa@umdnj.edu)

VI. REGISTRATION

There is an enrollment limit to this course of 60 students. Registration will be conducted in the Registrar’s Office, Medical Science Building, B-Level, Room 640.
PHYSICIAN SHADOWING ELECTIVE (OE 0063)

I. GOALS AND OBJECTIVES

The goal of this elective is to provide students with exposure to various specialties and subspecialties that they may be interested in. Students would have access to a Physician Database that would list physicians at UH who are willing to have students shadow them. Students would have the ability to work with the physicians to attain a better understanding of what the specialty entails, as well as gaining insight into quality of life and work hours of the various specialties. Students have the option to choose one specialty of focus, or to sample a variety of specialties. Students have the option to choose one specialty of focus, or to sample a variety of specialties. All physicians in the database have come highly recommended from students who have worked with them previously.

All shadowing must be documented in advance of the shadowing experience. All shadowing not documented in advance will not be covered for the purposes of liability nor count toward the 10-hour requirement. All shadowing must be submitted to Christian before the experience for verification and tracking. The shadowing cannot take place during days/times that required coursework is in session.

II. FORMAT

Students and physicians will decide the format together, i.e. rounds, clinic, or OR time.

III. LOCATION

University Hospital, Doctors Office Center

IV. REGISTRATION

Registration will be conducted in the Registrar’s Office, Medical Science Building, B-Level, Room 640. This course is open to 1st year medical students beginning in January 2011 and for 2nd year medical students in Fall 2010. There is no enrollment limit.

V. COURSE REQUIREMENTS

Students are required to complete 10 hours of shadowing time.

VI. FACULTY

Dr. Christine Gerula (gerula@umdnj.edu)

VII. STUDENT COORDINATORS

Christian Curcio (curcioca@umdnj.edu)
I.  GOAL AND OBJECTIVES

Pre-Medical Honors Program 2010-2011 is an educational opportunity and experience for interested members of the public to learn what it is like to study medicine. The New Jersey Medical School offers a 9-week sequence of dinner/seminars, formal lectures, small seminars, elective courses, tours and a screening clinic.

Elective courses are offered on selected weekends. The first is a two-hour course that deals with accessing medical information and is offered by the librarians of the George F. Smith Library of the Health Sciences. Other electives are an opportunity to become certified in cardiopulmonary resuscitation (CPR), lectures and demonstrations in cardio-pulmonary physiology, a lecture/demonstration by members of the faculty of the Department of Pathology and Laboratory Medicine, hospital tours as well as a screening clinic.

II.  FORMAT

The fall term is designed for academically qualified high school students, known as the Pre-Medical Honors Program. It will begin on October 6, 2010, and end on December 15, 2010. Mini Med School 2010-2011 will be offered in the spring on consecutive Wednesdays from 5:30 p.m.-8:45 pm beginning February 23, 2011 and ending April 27, 2011. Both fall and spring offerings are 9 sessions each.

Medical students, known as Medical Student Preceptors, are responsible for leading discussions, offering impromptu brief lectures, explaining the reading materials and lectures, answering questions and recording attendance.

First, second and fourth year students receive up to two (2) weeks of 4th year elective credit for participating in the Mini-Med School, one week for every 18 sessions in the program.

III.  LOCATION

To be announced.

IV.  RESPONSIBLE FACULTY

Jacob Jay Lindenthal, Ph.D., Dr. PH
Department of Psychiatry, Professor
lindenth@umdnj.edu

Telephone: (973) 972-4805

V.  REGISTRATION

Detailed information will be distributed. Registration will be conducted by the Registrar’s Office, in the Medical Sciences Building, B-Level, Room 640.
PROMOTING AWARENESS THROUGH VIOLENCE EDUCATION (P.A.V.E.) (OE 0064)

I. GOALS AND OBJECTIVES

Students will be educated in domestic violence consequences and promoting awareness through lectures from professionals in the field. Student will then learn how to effectively present the knowledge they attain to the community. By presenting to local middle and high schools, students will provide these children with access to help and knowledge. Students will also have the opportunity to attend self-defense classes through the S.A.V.E program (Self-Awareness and Violence Education).

II. FORMAT

The lectures will be held on the following dates from 1:00 pm to 2:00 pm: 9/15; 9/29; 10/13; 10/20; 11/3; 11/10; and 12/1.

III. REQUIREMENTS

Students will be required to attend at least 5 lectures and complete 4 to 6 hours of community service activities. Students must also attend 2 S.A.V.E classes.

IV. RESPONSIBLE FACULTY

Dr. Sue Rovi (rovisl@umdnj.edu)
Dr. Ping-Hsin Chen (chenpi@umdnj.edu)
Dr. Paulette Stanford (stanfopd@umdnj.edu)

V. LOCATION

MSB B609 or MSB B540 (TBA), UH Gymnasium and local middle and high schools in Newark and Orange school districts. Transportation will be provided from MSB to these locations. S.A.V.E classes will occur in the University Hospital gymnasium.

VI. STUDENT COORDINATORS

Seema Anandalwar (anandasp@umdnj.edu)
Jonah Pozen (pozenjm@umdnj.edu)
Amy Chen (chenh5@umdnj.edu)

VII. REGISTRATION

Registration will be conducted through the Registrar’s Office, in the Medical Sciences Building, Room B-640. All classes are eligible for enrollment. The enrollment limit is 60 students.
PROJECT PEDIATRICS (OE 0069)

I. GOALS AND OBJECTIVES

1. Provide a setting for exploration of many of the different career tracks available in pediatric medicine like Adolescent Medicine, Behavioral Pediatrics, and Neonatology and including those in more specialized fields such as Surgery, Orthopaedics, and Anesthesiology. Students will have the opportunity to hear lectures, as well as interact with the clinical faculty in these various disciplines.

2. Provide the opportunity for students to volunteer in a pediatric setting, which allows the students to become more comfortable dealing with sick kids. Opportunities to volunteer within the hospital usually lie on F-level in the Peds playroom and the nursery.

3. To promote awareness of current issues in pediatric medicine, whether it is through lectures on topics like Pediatric Advocacy or the Ethics of Pediatric Genetics.

4. Provide opportunities for involvement in pediatric service projects inside the university (e.g. the F-Blue Beautification Project) and outside in the city of Newark (e.g. Apostle House X-mas party)

II. FORMAT

1. This is a full year elective that will take place throughout the academic year.
2. There will be a lecture series (schedule to be announced)
3. Students may volunteer at the Pediatric Playroom (F-Blue).
4. There will also be several holiday parties (Halloween, Holiday, Valentine’s Day) that students from the elective plan yearly for kids in the hospital.
5. Various community service projects held throughout the year.

III. REQUIREMENTS

1. Attendance at a minimum of 2/3 of the lecture series per semester.
2. Participation/volunteering at any of the above locations for a combined yearly total of at least 6 hours.
3. Participation/volunteering at one Project Pediatrics event per semester.

IV. RESPONSIBLE FACULTY

Christin Traba, M.D., M.P.H.; Department of Pediatrics
Medical Sciences Building, F-Level, Room F603
Telephone: (973) 972-6014
Pager: (973) 203-0187
Email: morancm@umdnj.edu

V. LOCATION

For lectures during block schedule elective time (Wednesdays 1:00 pm to 2:00 pm): MSB B617 b&c

VI. STUDENT COORDINATORS

2nd Year Students: 3rd Year Students:
Melissa Appio appiomr@umdnj.edu Danielle Rosivack rosivadm@umdnj.edu
Ramya Natarajan r.natarajan3@gmail.com Mithra Maneyapanda maneyam1@umdnj.edu
Mona Sadegh sadeghmo@umdnj.edu Priya Patel patel187@umdnj.edu

Project Pediatrics General Email Address: projectpediatrics@gmail.com

VII. REGISTRATION

Registration will be conducted through the Registrar’s Office, in the Medical Sciences Building, Room B-640.
I. GOAL/OBJECTIVES

The “Voices of SHARE” elective will bring together the diverse community outreach and educational programs directed by and/or affiliated with SHARE Center into one organized and comprehensive elective that is year-long.

The SHARE elective will consist of two components: an educational lecture series and a community service requirement. The educational component will be in the form of the SHARE Lecture Series which will take place throughout the 2010-2011 academic year. The lecture series will feature a different topic each month sponsored by a SHARE Center subcommittee or associated student organization. Each lecture will focus on an issue pertinent to both being a medical student at NJMS and to providing professional healthcare and community service to the Newark community in which we serve.

The community service component can be fulfilled by participating in SHARE sponsored activities throughout the year. The SHARE sub-organizations are varied in scope and target population. This provides medical students with opportunities to better understand the diversity of our community. Participation in any of the sub-organizations of SHARE listed below will sufficiently fill the community service requirement, as long as the student has served at least 8 hours over the course of the academic year. Furthermore, each month there will be a community service opportunity offered by the SHARE sub-organization or student organization planning the lecture for that month.

II. FORMAT

The lectures will be held on the following dates: 9/15/10, 10/6/10, 11/10/10, 12/1/10, 1/5/11, 2/2/11, 3/2/11, and 4/6/11 from 1:00 pm to 2:00 pm. Students must attend 6 out of the 8 lectures.

III. LOCATION

First year lecture hall.

IV. COMMUNITY SERVICE

The Community Service requirement can be fulfilled through participating in any of the following SHARE sub-organizations or in any of the community service opportunities offered during that month for at least 8 service hours:

Early Start Mentoring Program

The Early Start Mentoring Program (ESMP) sends trained mentors into Newark elementary schools to promote positive social behavior and non-aggressive conflict resolution. ESMP’s focus is to develop self-esteem and social problem solving skills, while offering a caring and supportive outlet for the students involved.

Activities and Events: Weekly mentoring sessions

New Moms

Medical students are paired with pregnant teens who attend the University Hospital’s OB/GYN clinic at the Ambulatory Care Center, and act as mentors, liaisons, and advocates for the young women throughout their pregnancy. The medical students attend all prenatal appointments with the mommies-to-be, help present different issues at weekly education sessions regarding prenatal health, are present in the delivery room to help with the birth of the child, and serve as 24/7 support-systems that the women can call with problems, questions, and concerns. This year we would like to place an emphasis on participant recruitment and retention. We are also looking to further improve on the program by incorporating a women’s reproductive health education outreach component at local middle and high schools.

Activities and Events: Medical students are paired with pregnant teens who attend the University Hospital’s OB/GYN clinic at the ACC, and act as mentors, liaisons, and advocates for the young women throughout their pregnancy.
VOICES OF SHARE (con’t)

PINACLE

The goals of the organization are to provide education to Newark community leaders on health issues of interest to the community and to empower the community leaders to become health educators in their respective communities. These community leaders, referred to as Community Health Advocates (CHAs), come from various community-based organizations both religious and secular. 3rd year medical students provide the CHAs with the health information and skills to teach the information back to their community members during regular health institutes. The CHAs are encouraged to hold health education workshops at their local communities where they teach a specific health topic. PINACLE members attend the workshops to provide free health screenings, supplement the information provided by the CHA, and provide information on medical resources in the area.

Activities and Events: PINACLE Institutes are held throughout the year to teach about a variety of health topics such as hypertension and asthma. After each Institute, community leaders will conduct health workshops and students will provide relevant health screenings at community sites. PINACLE provides education to Newark community leaders on health issues of interest to the community, with the goal to empower the community leaders to become health educators in their respective communities.

Relationships in Education for the Advancement of Community Health (REACH)-formerly Community or C2000

REACH aims to facilitate positive interactions and mentoring relationships between the medical school and the community that will ultimately improve healthcare outcomes for the people of Newark. It exists to reach out to the local population by promoting lifestyle change and prevention, while also providing a means to access healthcare for the underserved. Activities it’s involved in include health intervention programs, healthcare screenings, and educational workshops.

Activities and Events: Health fairs at local churches and community venues, educational workshops and advocacy focused on promoting healthy lifestyles in the community (working on promoting nutrition at local supermarkets for this upcoming year), community service activities such as soup kitchens, homeless shelter services, etc.

STATS

STATS is an outreach program in which 1st and 2nd year medical students lead HIV education and prevention workshops in local middle and high school classrooms, and health fairs within the UMDNJ community. STATS also reaches out to local adolescents living with HIV by matching them with medical students in a peer support program run in conjunction with the University Hospital.

Activities and Events: Monthly trips/activities for the FXB adolescents including sporting events, movies, etc. The Firehouse side does a weekly two hour mentoring session with middle school children.

Student Sight Savers

The NJMS chapter of Student Sight Savers is looking forward to expanding its membership and introducing a variety of activities in the coming year. We aim to help eliminate preventable eye disease through vision screenings and education. In advancing that cause, our mission is two-fold: to educate our peers and to serve our community. For our first goal, we have organized an Introduction to Ophthalmology elective that exposes medical students to the field while underlining the need for charity eye care both locally and internationally. To further our second purpose, we collect glasses to donate to community members with vision deficits secondary to uncorrected refractive error. We are also directly involved in the community through the Telemedicine Outreach Program Services (TOPS) at UMDNJ. Looking ahead, we hope to establish a Student Sight Saver Program at NJMS, which would provide us with more equipment and funding to screen our local community for vision-threatening diseases.

Activities and Events: Our activities include fundraisers to help pay for cataract surgeries around the world, collecting eyeglasses, conducting vision screenings for the community, and holding a Introduction to Ophthalmology non-credit elective series.
VOICES OF SHARE (con’t)

(For more information on Voices of SHARE, please e-mail: voicesofshare@gmail.com)

V. REGISTRATION

The number of anticipated enrollees is 30 people. All academic years are eligible for enrollment. There is no enrollment limit and all lectures are open to the NJMS community, but faculty members are not eligible for SHARE credit. Course requirements for completion are the expected attendances of 6/8 lectures and 8 hours of community service (completed within 2 semesters).

VI. RESPONSIBLE FACULTY

Maria L. Soto-Greene, M.D.
Vice Dean, New Jersey Medical School
Professor of Medicine
Director, The Hispanic Center of Excellence
Medical Science Building, C-673
Phone: (973) 972-9151
E-mail: sotogrml@umdnj.edu

VII. STUDENT COORDINATOR

Ann Chuang (chuangal@umdnj.edu)
Deepa Cherla (cherladv@umdnj.edu)
I. GOALS AND OBJECTIVES

The Medical Spanish course was developed to familiarize and assist first and second year students with basic communication skills which are helpful in interacting with Spanish-speaking patients. Commonly used medical Spanish words and phrases will be taught. A portion of the course will be dedicated to mock patient interviews with emphasis on culture and its effect on the doctor-patient relationship.

II. FORMAT

This course is open to both first and second year students. The number of anticipated enrollees is 40 students and the enrollment limit for this course is 40 students. This course will be offered in the fall on Wednesdays from 1:00 pm – 2:00 pm beginning September 15, 2010 through November 10, 2010. Seven out of the nine sessions must be attended for notation on a student’s transcript.

III. LOCATION

Spanish in Medicine will meet in MSB, Room B 552.

IV. RESPONSIBLE FACULTY

Maria L. Soto-Greene, M.D.
Vice Dean, New Jersey Medical School
Professor of Medicine
Director, The Hispanic Center of Excellence
Medical Science Building, C-673
Phone: (973) 972-9151
E-mail: sotogrml@umdnj.edu

V. STUDENT COORDINATORS

Jessel Munoz (munozjl@umdnj.edu)
Christine Nazarian (nazarice@umdnj.edu)

VI. REGISTRATION

Registration will be conducted in the Registrar's Office, Medical Science Building, B-Level, Room 640.
Student Family Health Care Center (OE 0079)

I. Goal/Objectives

The Student Family Health Care Center (SFHCC) has been providing family-centered health care to Newark residents since 1967. The SFHCC is organized and conducted by medical students with the guidance of a faculty advisor. Participants gain experience working as members of health care teams and are given responsibility for patient care commensurate with their level of training. The Center affords a unique opportunity to participate in the continuing medical care of ambulatory patients.

II. Format

Students are encouraged to begin their association with the SFHCC during their first year and continue throughout their tenure at NJMS. Student teams are comprised of a first, second, third and fourth year student and an attending physician. The third year student functions as team leader and primary care physician for the team’s patients.

Sessions are held every Tuesday and Thursday from 5:30 pm to roughly 9:00 p.m. During the first half-hour of each session, a third-year student presents a topic related to the outpatient management of common medical problems. After the lecture, students either see patients or attend a teaching session, depending on the number of students and patients present on a given evening. The elective runs from June through May of the academic year.

Fourth year students are eligible to receive up to four (4) weeks of elective credit for participating in SFHCC. To be eligible to receive this credit a student must complete the following requirements:

- 20 clinic sessions during the first and second years (combined)
- 20 clinic sessions during the third and fourth years (combined) - completed by December of fourth year
- participate in the ongoing care of one patient for a minimum of three visits or complete a continuity project
- present a lecture in the third or fourth year
- additional responsibilities as outlined in student contract

If a student participates in SFHCC in the first and second years, this is noted on the student’s permanent record.

III. Location

The Student Family Health Care Center is administered through the Department of Family Medicine, BHSB E 1557. The clinical aspect of SFHCC takes place at the DOC 0300. Lectures are in the second year lecture hall (MSB B 552).

IV. Responsible Faculty

Dr. Robin Schroeder  (schroers@umdnj.edu)
Phone: (973) 972-8219
WOMEN AS DOCTORS AND PATIENTS (OE 0080)

I. GOALS AND OBJECTIVES

Women have unique experiences in health care, both as providers and as patients. Choosing a specific career path and balancing work and family life can be extremely challenging. Additionally, women encounter the issues of reproductive rights, infertility, birth plans, and sexual orientation. Some are diagnosed with breast cancer or ovarian cancer. This elective plans to touch upon many of these topics related to women and medicine. Furthermore, the elective plans to touch upon issues that women with careers in medicine may face.

II. FORMAT

This elective is offered from 1:00 pm to 2:00 pm on the following Wednesdays:

9/15, 9/22, 9/29, 10/6, 10/13, 10/20, 10/27, 11/3, 11/10

III. LOCATION

This elective will be in the MSB, B 609 b&c.

IV. REGISTRATION

Number of anticipated enrollees: 40 and the enrollment limit is 60. The elective is open to first and second year students. Both women and men are invited to enroll! Registration will be conducted by the Registrar’s Office, in the Medical Sciences Building, B-Level, Room 640.

V. COURSE REQUIREMENTS

Attendance at 7 out of 9 sessions will result in a notation on the student’s transcript that the course has been completed.

VI. RESPONSIBLE FACULTY

Lisa Pompeo, M.D.
Director of Medical Student Education
Associate Residency Program Director
Department of Obstetrics, Gynecology, and Women’s Health
UMDNJ- New Jersey Medical School
185 South Orange Avenue, MSB E-506
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VII. STUDENT COORDINATORS

Jennifer Sheng (shengjy@umdnj.edu)
Lauren Maher (maherlr@umdnj.edu)