INTERNATIONAL HUMAN CADAVER PROSECTION PROGRAM APPLICATION

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Program Director and Associate Professor of Anatomy & Cell Biology

18th Annual Session: May 30 – August 7, 2017

ALL APPLICATION MATERIALS MUST BE RECEIVED NO LATER THAN MARCH 24, 2017.

Questions & Information:
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Email: cadaver@iun.edu
Facebook: http://www.facebook.com/ProsectionProgram

DESCRIPTION OF PROGRAM

Each year individuals bequeath their bodies to be used for medical education and basic science/clinical research. This is the most profound gift that any individual can offer. The INTERNATIONAL Human Cadaver Prosection Program (IHCPP) at the Indiana University School of Medicine - Northwest (IUSM-NW) recruits individuals interested in medical school and/or clinical/basic sciences for an intensive structured experience, with emphasis on learning human anatomy by dissection of human cadaver specimens. This course permits first-hand advanced dissection of the upper and lower extremities, and hands-on work in radiology and surgical orthopedics, prosthetics and orthotics. It is designed for those who are interested in human anatomy, as well as professionals seeking to acquire/revive knowledge and skills that can be taken back to the professional environment. Accepted applicants assist in preparing human cadaveric specimens and radiographic materials for use by first-year medical students. Participants are required to attend a series of lectures and workshops, as well as to interpret radiographic findings and apply these, and other clinical correlates, and anatomical findings to dissections taking place in the laboratory. At the conclusion of the program, all prosectors participate in a cadaver memorial service that encourages prosectors, faculty and others to reflect upon the cadaver experience, and to share their thoughts and stories of discovery. Professionals are eligible for Continuing Medical Education Credit as part of this course.

The objectives of this program are:

1. Recruit individuals and encourage them to seek careers in anatomy and medicine;
2. Educate participants about the gross anatomy of the upper and lower extremities and the use of professional methods for human cadaver dissection;
3. Impart training to educators and other professionals that can be taken back to the classroom or professional environment and incorporated into practice;
4. Introduce candidates to the use of human cadaveric materials and to the medical school environment;
5. Increase understanding of the role(s) of anatomists and corporations in healthcare, and to stress the need for educators, researchers, and healthcare professionals to facilitate collaborative research that will enhance medical education and ultimately patient care;
6. Foster professionalism, lifelong-learning, leadership, teamwork, and respect for cadaver donors, donor’s families and clinical patients.
7. Prepare high-quality prosected anatomical materials and radiographs for use by first-year medical students;
8. Train individuals who can then act as team leaders in anatomy teaching and dissection during the formal medical school anatomy course.

See: Talarico, Jr., E.F., “A Human Dissection Training Program at Indiana University School of Medicine-Northwest,”
Participants.
Participants constitute a diverse population of undergraduate students, graduate students, medical students, allied health care professionals, physicians, basic scientists, and others. The maximum number of participants is forty-five (45). Upon successful completion of this program, each “prosector” will receive a Certificate of Completion and Letter.

Individuals desiring to participate must submit an application inclusive of a written statement discussing the reason(s) why participation is desired. Applicants may meet with the course director prior to acceptance into the program. This meeting serves as an interview, and informs the participant of the strict guidelines and rules set forth by the Anatomical Education/Gift Society. By completion of this process, the applicant, if accepted into the program, agrees to be present for THREE days of Prosection. For this session, prosection is scheduled for Wednesday, July 26 through Friday, July 28, 2017. The IHCPP Reception will be held on Monday evening, July 24, 2017; followed by workshops on Tuesday, July 25, 2017. A detailed dissection guide, handouts discussing anatomical terminology and gross anatomy, and slide presentations will be made available for download from IHCPP Web Page to accepted participants so that he/she may prepare for this program (i.e., preparation is expected).

An effort is made to recruit individuals from the Northwest Indiana area, BMD participants, minorities and other applicants that are underrepresented in medicine and basic sciences. However, individuals from all walks of life and from all countries are accepted into this program. All professional individuals (i.e., physicians, etc.) are expected to volunteer their time to this program.

Compensation.
Applicants should not expect to receive any financial compensation for their participation in this program. The IUSM-NW does not provide reimbursement, nor make arrangements, for travel or housing expenses related to this program. Meals, laboratory coats, gloves, safety gear, shower and locker room facilities are provided (you will need to provide a combination lock for your locker). CME credit is available, but you will need to bring all appropriate documentation to the Prosection Session. This documentation will be completed and returned to you prior to departure after the final program session.

Fees.
There is a $25.00 non-refundable application fee. These funds go to off-set the costs of processing, materials and supplies, as well as meals and beverages for this program. Payment of fees must be made via our online service. To make your electronic payment, click on the payment link/icon on the IHCPP Web Page. This fee is waived for IUSM students. For consideration of a waiver for other reasons, contact the program director. There is a tuition fee of $400 (non-refundable) for this program and all workshops. This is payable online only after notification of acceptance into IHCPP.

Program Outline.
The INTERNATIONAL Human Cadaver Prosection Program is an intensive, structured experience, with emphasis on learning human anatomy by dissecting human cadaver specimens. Discussion sessions with medical school faculty, medical students and physicians are included and focus on current research interests at IUSM-NW; outreach programs at IUSM-NW; the Anatomical Education/Gift Program; Advanced Medical Imaging & Radiography; Human Gross Anatomy, Orthopedics, Prosthetics and Orthotics. A Day-by-Day Schedule will be provided to all accepted applicants.

NEW For Summer 2017, the INTERNATIONAL Human Cadaver Prosection Program will include a Sixth Anatomy Lecture Series in late June, a suturing workshop, a prosthetics & orthotic workshop, and an international reception. Lecture series will include human gross anatomy, histology, embryology and radiology; and in-depth analysis of advanced radiographic imaging and other cutting-edge medical techniques. There will also be an opportunity for some participants and faculty to present their research and/or clinical experiences. A THIRD DAY OF HUMAN CADAVER PROSECTION in the gross anatomy laboratory, and BODY Viz 3-D Computer Anatomy Simulations will be added to the 18th Annual Summer Session.

Workshops.
The Suturing Workshop (July 25) will be facilitated by Michael McGee, M.D., M.P.H., Medical Director for Emergency Medical Services at Methodist Hospitals (NW Indiana) and President and CEO for the Methodist ER Group. This session will include an introduction to suturing and a hands-on workshop using swine feet and human cadavers. The Suturing Workshop will only be open to accepted Prosection applicants.

A Prosthetics & Orthotic Workshop and Running Clinic (July 25) will be hosted by Rick Rocco, Jr., Rocco Prosthetics & Orthotic Center (Cincinnati, OH). The objective of this workshop is to get the audience excited about and interested in learning human anatomy through real-life clinical application of gross anatomy and anatomical relationships focusing on prosthetics and orthotics for human extremities, and will include: prosthetic and orthotic lecture material and case studies; live patient evaluation and casting; negative and positive molding; and facial impressions. The Prosthetics & Orthotic Workshop will only be open to accepted Prosection applicants.
A Total Knee Arthroplasty Workshop (July 26 - 27) will be hosted by DePuy Orthopaedics. In this workshop, prosectors will perform, hands-on, a total knee replacement using the same surgical instruments used by surgeons in the operative theater.

Each of these workshops may represent a one-time chance to interact with professionals and to examine/evaluate clinical patients.

The EXPANDED INTERNATIONAL Human Cadaver Prosection Program Reception will be hosted by IUSM-NW. This reception will be a gathering for domestic and international participants, faculty, staff, administrators, and others to meet and greet each other as well as to introduce the international students to the area and lab. Hors d’oeuvres, light food and beverages will be provided.

Additional information regarding all of the programs and workshops will be available online to accepted applicants. Below is the outline of dates for each of the activities being held during the Summer 2017 INTERNATIONAL Human Cadaver Prosection Program.

<table>
<thead>
<tr>
<th>DATE</th>
<th>TIME</th>
<th>EVENT</th>
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<tbody>
<tr>
<td>November 30, 2016</td>
<td>8:00 a.m.</td>
<td>Application Materials Available On-Line</td>
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<td>►► ►► Get Your Applications in Early!! ◄◄</td>
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<td>Friday, March 24</td>
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<td>Application Deadline ◄◄ ◄◄ $25 non-refundable application fee</td>
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<td>Friday, April 28</td>
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<td>Notification of Acceptance</td>
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<td>Friday, May 19</td>
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<td>►► ►► Tuition Payment Deadline ◄◄ ◄◄ $400 non-refundable tuition fee</td>
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<td>►► ►► Get Your Documents in and Your Tuition Fee Submitted on time!! ◄◄</td>
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<td>*Tuesday, May 30</td>
<td>6:00 p.m. - 9:30 p.m.</td>
<td>ANATOMY LECTURE SERIES – 1</td>
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<td>Blood-Borne Pathogens/Laboratory Safety Clinic</td>
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<td>The Cadaver Experience</td>
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<td>Anatomical Terminology; Surgical Instruments</td>
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<td>Gross Anatomy Lecture 1</td>
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<td>Basic Medical Imaging</td>
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<td>*Tuesday. June 6</td>
<td>6:00 p.m. - 9:30 p.m.</td>
<td>ANATOMY LECTURE SERIES – 2</td>
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<td>Gross Anatomy Review and Surgical Instruments</td>
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<td>Gross Anatomy Lecture 2</td>
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<td>Basic Medical Imaging</td>
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<td>*Tuesday. June 13</td>
<td>6:00 p.m. - 9:30 p.m.</td>
<td>ANATOMY LECTURE SERIES – 3</td>
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<td>Gross Anatomy Review</td>
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<td>Gross Anatomy Lecture 3</td>
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<td>Anatomy Clinical Case</td>
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<td>Advanced Radiography: Imaging &amp; Interpretation I</td>
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<td>Date</td>
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<td>Event Description</td>
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| Thursday, June 15   | 6:00 p.m. - 9:30 p.m. | ANATOMY LECTURE SERIES – 4  
Gross Anatomy Review  
Histology of Tissues; Human Embryology  
Interprofessional Education |
| Friday, June 16     |               | Blood Borne Pathogens & Laboratory Safety Certification Deadline                    |
| *Tuesday. June 20   | 6:00 p.m. - 9:30 p.m. | ANATOMY LECTURE SERIES – 5  
Gross Anatomy Review  
Gross Anatomy Lecture 4 (Thorax, Back, Shoulder)  
Clinical Correlations |
| *Tuesday. June 27   | 6:00 p.m. - 9:30 p.m. | ANATOMY LECTURE SERIES – 6  
Advanced Radiography; Imaging & Interpretation II  
Special Topics in Advanced Gross Anatomy  
Research and Clinical Experience |
| ^Wednesday, July 5  | 9:00 a.m. – ?  | "CADAVER DAY" (Delivery & Storage of Our First Patients) |
| ^Friday, July 7     | 7:45 a.m. - 4:00 p.m. | MEDICAL IMAGING OF HUMAN CADAVERS 1 - Radiography Experience  
(Medical Imaging of the Cadaver Donors, X-RAY AND ULTRASOUND, BODY Viz; IUSM-Northwest) |
| ^Sunday, July 9     | 5:00 a.m. - 5:00 p.m. | MEDICAL IMAGING OF HUMAN CADAVERS 2 - ADVANCED Radiography Experience  
(Medical Imaging of the Cadaver Donors, CT and MRI Scans, Methodist Hospital Southlake) |
| ^July 10- July 20   | times variable | Donor Preparation (Skin and Flaps)  
Processing of Advanced Medical Images |
| Monday, July 24     | 6:00 - 9:00 p.m. | IHCPP RECEPTION |
| Tuesday, July 25    | 8:00 a.m. - 12:00  
12:00 - 1:00 p.m.  
1:00 - 5:00 p.m.  
5:00 -5:45 p.m. | SUTURING WORKSHOP  
Lunch  
PROSTHETICS & ORTHOTIC WORKSHOP  
Meeting with Team Leaders |
| Wednesday, July 26  | 7:45 a.m. - 5:00 p.m. | CADAVER PROSECTION – DAY 1  
PROSECTION, Orthopedic Workshop, Neuroscience Experience, Medical Imaging |
| Thursday, July 27   | 7:45 a.m. - 5:00 p.m. | CADAVER PROSECTION – Day 2  
PROSECTION, Orthopedic Workshop, Prosthetics & Orthotics, Medical Imaging  
Rose Memorial First Patient Service |
| Friday, July 28     | 7:45 a.m. - 5:00 p.m. | CADAVER PROSECTION – Day 3  
PROSECTION and Medical Imaging  
Service of Remembrance & Thanksgiving of Our Donors Awards |
| * July 29 - Saturday, August 7 |               | Feedback from Prosectors (Mandatory)  
LETTERS TO FAMILIES OF OUR FIRST PATIENTS |

*If the accepted applicant is from out-of-state or outside of the U.S., attendance will not be mandatory.

*Prosectors will volunteer for these activities outside of hands-on PROSECTION. There is no additional charge associate with these activities.

*This is required from ALL participants.