

CONTACT NAME: Jean DAversa
MENTOR NAME: Jean DAversa
DEPARTMENT: AIDS Activities Office
SITE: LVH - 17th and Chew

**LVHHN RESEARCH SCHOLAR POSITION DESCRIPTION
DIVISION OF EDUCATION**

DESCRIBE THE POSITION, INCLUDING AT LEAST ONE RESEARCH PROJECT THE STUDENT WILL PARTICIPATE IN: Data collection and evaluation for new program for care and treatment of patients with hepatitis.

DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT: This information will be for potential future publication as well as for presentation at conferences, and to help secure future funding opportunities.

LIST THE 3-5 MAIN GOALS TO BE INCLUDED IN THIS POSITION. GOALS SHOULD BE MEASURABLE, REALISTIC AND ATTAINABLE:

1. To administer at least 25 patient surveys on quality of life issues.
2. To abstract lab values and other data from Phamis on at least 25 patients.
3. To enter survey responses and extracted data from Phamis into an existing database.

LIST THE EDUCATIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: Work with physicians, residents and other clinicians in data collection for future research and funding. Very little is out there currently for Hepatitis.

LIST THE ADDITIONAL CLINICAL/PROFESSIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: Be part of a multidisciplinary team in a new initiative - be in on the ground floor. Lots of learning opportunities and creative challenges will be part of this initiative.

STATE THE MINIMUM LEVEL OF EDUCATION THE STUDENT MUST HAVE ATTAINED: 1-2yrs

LIST THE MAJOR(S) OF STUDY APPLICABLE TO THIS POSITION:
Pre-med, nursing, social work, computer science

LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS:
Computer literacy, medical terminology helpful, attention to detail, self-directed

CONTACT NAME: Margaret Hoffman-Terry
MENTOR NAME: Margaret Hoffman-Terry
DEPARTMENT: AIDS Activities Office
SITE: LVH - 17th and Chew

LVHHN RESEARCH SCHOLAR POSITION DESCRIPTION
DIVISION OF EDUCATION

DESCRIBE THE POSITION, INCLUDING AT LEAST ONE RESEARCH PROJECT THE STUDENT WILL PARTICIPATE IN: Research Scholar (RS) would assist internal medicine residency research director with design and implementation of residency research projects
RS would team up with medical residents to assist with various resident research projects. Projects planned for summer 2007 include review of HIV/ HCV patient database to examine use of surrogate marker formulas to predict degree of liver disease in co-infection and HIV/ HCV blinded seroprevalence study.

DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT: Temporary staff currently assist with projects only intermittently. Addition of scholar would help move multiple projects forward in a more timely manner enabling residents to meet program's research requirement.

LIST THE 3-5 MAIN GOALS TO BE INCLUDED IN THIS POSITION. GOALS SHOULD BE MEASURABLE, REALISTIC AND ATTAINABLE:

- 1.) Meet weekly with biostatistician/ residency research director/ residents to discuss project design and implementation
- 2.) Assist director in scheduling of meetings, completion of IRB forms, funding requests, etc.
- 3.) Conduct literature searches as appropriate to resident studies
- 4.) Design and conduct own small research project

LIST THE EDUCATIONAL OPPORTUNITIES THAT MAKE THIS POSITION

UNIQUE/APPEALING: Working with residents as they conduct their research project pairs younger with more experienced learners allowing for an especially rewarding experience for the college student considering a career in medicine or research. Understanding the clinical research process from development of hypothesis to generation of manuscript is useful in undergraduate work and beyond.

LIST THE ADDITIONAL CLINICAL/PROFESSIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING:

Time available to shadow attending physician in HIV clinic or resident physicians on inpatient service rotations to gain exposure to clinical medicine. Opportunity to develop excellent working knowledge of process and procedures involved in conducting investigator-initiated research including exposure to databases, IRB, etc.

STATE THE MINIMUM LEVEL OF EDUCATION THE STUDENT MUST HAVE ATTAINED:

1 yr

LIST THE MAJOR(S) OF STUDY APPLICABLE TO THIS POSITION:

biology, biochemistry, chemistry, psychology, pre-medical, pre-dental, pre-vet.

LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS:

basic knowledge of word processing with ability to use email and Microsoft office (word/ excel/ access)

CONTACT NAME: Patrick Pagella
MENTOR NAME: Patrick Pagella
DEPARTMENT: Burn
SITE: LVH-Cedar Crest & I-78

LVHVN RESEARCH SCHOLAR POSITION DESCRIPTION
DIVISION OF EDUCATION

DESCRIBE THE POSITION, INCLUDING AT LEAST ONE RESEARCH PROJECT THE STUDENT WILL PARTICIPATE IN: The research scholar position for Burn will provide the student with an opportunity to assist with research in the highly specialized area of Burn at a Regional Burn Center. Responsibilities will include assisting with data collection and interpretation with multiple inpatient and outpatient Burn studies that focus on scar management and cosmesis.

DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT: The research scholar position will help facilitate the completion of multiple research studies that have been developed to improve short and long term outcomes following burn injury.

LIST THE 3-5 MAIN GOALS TO BE INCLUDED IN THIS POSITION. GOALS SHOULD BE MEASURABLE, REALISTIC AND ATTAINABLE:

1. The research scholar will assist with data gathering/ collection.
2. The research scholar will assist with data interpretation.
3. The research scholar will assist with protocol development and design as well as assist with the development of evidence based practice for burn.

LIST THE EDUCATIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: Educational opportunities are not limited to research. The scholar will also have observational opportunities that will allow them to gain exposure to the acute care phases of burn care, critical care, as well as to the short and long term implications associated with traumatic tissue injury that results from burn.

LIST THE ADDITIONAL CLINICAL/PROFESSIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: Experience with research at the Verified Regional Burn Center at LVH. Exposure to a highly specialized area of healthcare in a progressive program.

STATE THE MINIMUM LEVEL OF EDUCATION THE STUDENT MUST HAVE ATTAINED: 3 yrs

LIST THE MAJOR(S) OF STUDY APPLICABLE TO THIS POSITION:
Nursing, Pre-Med, Research

LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS: The student should be highly motivated and interested in learning. The student should also be able to take initiative and work independently.

CONTACT NAME: Raymond Singer M.D.
MENTOR NAME: Raymond Singer M.D.
DEPARTMENT: Cardiothoracic Surgery
SITE: LVH-Cedar Crest & I-78

LVHHN RESEARCH SCHOLAR POSITION DESCRIPTION
DIVISION OF EDUCATION

DESCRIBE THE POSITION, INCLUDING AT LEAST ONE RESEARCH PROJECT THE STUDENT WILL PARTICIPATE IN: The position will involve all aspects of a busy heart and lung surgery practice, including attending patient rounds and office hours. A case report presentation with literature review will be completed by the end of the internship focusing on reviews of clinical procedures. This report will qualify for publication in a peer review surgical journal.

DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT:

LIST THE 3-5 MAIN GOALS TO BE INCLUDED IN THIS POSITION. GOALS SHOULD BE MEASURABLE, REALISTIC AND ATTAINABLE:

1. To learn the anatomy of the heart and lungs.
2. To observe heart and lung surgical procedures.
3. To observe critical care in the intensive care units.
4. To observe the diagnosis and work-up of patients with heart and lung disease.
5. To learn the basics concerning lung cancer.

LIST THE EDUCATIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: The student will be afforded first hand observation of complex heart and lung surgery, with participation as a member of the heart and lung surgery team. This experience is unique because first hand experience usually goes to the highest level of the residency team.

LIST THE ADDITIONAL CLINICAL/PROFESSIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: Same as above. The educational and clinical opportunities go hand in hand.

STATE THE MINIMUM LEVEL OF EDUCATION THE STUDENT MUST HAVE ATTAINED: 1 yr

LIST THE MAJOR(S) OF STUDY APPLICABLE TO THIS POSITION: Any science major

LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS: Interest and ability to be in the operating room setting.

CONTACT NAME: Catherine Glew, MD
MENTOR NAME: Catherine Glew, MD, and additional mentors
DEPARTMENT: Center for Healthy Aging & AIDS Activity Office
SITE: LVH – 17th & Chew Sts.

LVHHN RESEARCH SCHOLAR POSITION DESCRIPTION
DIVISION OF EDUCATION

DESCRIBE THE POSITION, INCLUDING AT LEAST ONE RESEARCH PROJECT THE STUDENT WILL PARTICIPATE IN: The Effect of HIV or AIDS on Activities of Daily Living (ADL). The experience will be a collaborative effort with the Center for Healthy Aging and the AIDS Activities Office on a new research project. The project is designed to evaluate the effects of HIV or AIDS on patients’ abilities to perform their activities of daily living (ADL), and to assess if this is affected by age, gender and the presence of other diseases. The project’s components and learning objectives include: Researching current literature and review of the topic with a summary of findings, learning principles of administering survey questionnaires, interviewing patients to complete the questionnaires, training in data base design and entry, data entry of survey responses, opportunity to participate in data analysis with clinician researchers.

DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT: The primary research project is an area that is little studied. The population of HIV and AIDS patients’ ages and their assessment of functional status will become increasingly important. The Division of Geriatrics is actively engaged in the acceleration of our research and publication activities in order to meet the ACGME requirements for the development of a new fellowship.

LIST THE 3-5 MAIN GOALS TO BE INCLUDED IN THIS POSITION. GOALS SHOULD BE MEASURABLE, REALISTIC AND ATTAINABLE: 1) Participate in orientation of the Division of Geriatrics operations and those of AAO, 2) Learn how to perform a comprehensive literature review using computer databases. Perform a literature search on the research topic, 3) Develop skills in questionnaire administration learning about validity and reliability. Administer survey questionnaire to target population, 4) Learn how to record, enter and analyze data collected from interviewing patients. Develop database design skills through training with Health Studies staff, 5) Gain “in the field” research experience through collaboration and work as part of an interdisciplinary research team.

The student may participate in other ongoing research activities of the Geriatric Division which include: 1) evaluation of frail elderly patients admitted following trauma, 2) assessment of depression in Home Care patients, and 3) the use of drugs to prevent peptic ulceration in hospitalized patients. The student’s home base will be at the Center for Healthy Aging at 17th and Chew Sts. The student will administer the questionnaires onsite and in person at the AIDS Activities Office. This is a new project for which the student will have a major responsibility and impact.

LIST THE EDUCATIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: The position would involve working with experienced clinicians in geriatric medicine and HIV/AIDS medicine. The student will learn principles of doing a background literature review, administration of a questionnaire for research, data collection, database design and entry, and assist in the formal analysis of data and the opportunity of writing up the project for publication. The research skills learned would be generalizable to any health care or other major that may involve research. The student will gain skills in research methodologies, but also gain effective communication skills with patients during questionnaire administration, and with other members of the research team.

LIST THE ADDITIONAL CLINICAL/PROFESSIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: The student will be able to observe clinical work with the staff at the Center for Healthy Aging’s Outpatient Practice and the Transitional Skills Rehabilitation Unit, both at 17th and Chew, Cedar Crest & I-78 inpatient setting, and at two local nursing homes (Lehigh Center and Kutztown Manor) where one of our physicians and CRNP see patients. The student will be encouraged to take part in any of the offered educational activities of the Center for Healthy Aging including Geriatrics’ monthly Journal Club and other regularly scheduled professional and community offerings.

STATE THE MINIMUM LEVEL OF EDUCATION THE STUDENT MUST HAVE ATTAINED: 1 yr

LIST THE MAJOR(S) OF STUDY APPLICABLE TO THIS POSITION: Health Care or Administration

LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS:
Excellent communication skills, well-organized, outgoing personality, some Spanish a plus but not essential

CONTACT NAME: Ann Flickinger
MENTOR NAME: Ann Flickinger
DEPARTMENT: Clinical Nutrition
SITE: LVH - Muhlenberg

LVHHN RESEARCH SCHOLAR POSITION DESCRIPTION
DIVISION OF EDUCATION

DESCRIBE THE POSITION, INCLUDING AT LEAST ONE RESEARCH PROJECT THE STUDENT WILL PARTICIPATE IN: The student in this position would be responsible for interviewing patients regarding their nutrition education needs and meal service experience and would directly communicate with dietitians and meal service supervisors regarding patient feedback. This academic project will be to establish performance improvement by analysis and evaluation of action plans.

DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT:

LIST THE 3-5 MAIN GOALS TO BE INCLUDED IN THIS POSITION. GOALS SHOULD BE MEASURABLE, REALISTIC AND ATTAINABLE:

- 1) Expand patient nutrition education and diet therapy awareness
- 2) Identify trends in patient feedback of meal service and develop action plans
- 3) Identify appropriate patients for Medical Nutrition Therapy Program
- 4) Communicate to dietitians, patient service supervisors and managers on Process Improvement activities
- 5) Analyze patient satisfaction survey results

LIST THE EDUCATIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING:

- 1) Learn patient interview and education techniques
- 2) Learn how to build action plans and Process Improvement reports

LIST THE ADDITIONAL CLINICAL/PROFESSIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING:

- 1) Rapport building with patients, dietitians and meal service supervisors, managers, and patient care staff.
- 2) Learn therapeutic diets
- 3) Learn clinical criteria for Medicare Medical Nutrition Therapy Program

STATE THE MINIMUM LEVEL OF EDUCATION THE STUDENT MUST HAVE ATTAINED: 1 yr

LIST THE MAJOR(S) OF STUDY APPLICABLE TO THIS POSITION: Nutrition classes

LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS:
Customer service skills, communication skills, writing skills, basic computer skills

CONTACT NAME: Kim Procaccino
MENTOR NAME: Kim Procaccino
DEPARTMENT: Clinical Nutrition
SITE: LVH - Muhlenberg

LVHHN RESEARCH SCHOLAR POSITION DESCRIPTION
DIVISION OF EDUCATION

DESCRIBE THE POSITION, INCLUDING AT LEAST ONE RESEARCH PROJECT THE STUDENT WILL PARTICIPATE IN: The student in this position would be responsible for interviewing patients regarding their nutrition education needs and meal service experience. There is direct communication with dietitians and meal service supervisors regarding patient feedback. The academic project includes analysis of meal service surveys and patient meal service tray audits with development, implementation and evaluation of action plan results.

DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT: Positive impact on patient satisfaction through the provision of nutrition materials and information for the promotion of wellness. Opportunity for timely service recovery through identification of patient meal time needs.

LIST THE 3-5 MAIN GOALS TO BE INCLUDED IN THIS POSITION. GOALS SHOULD BE MEASURABLE, REALISTIC AND ATTAINABLE:

- 1) Expand patient nutrition education and awareness of community programs for promotion of wellness
- 2) Identify trends in patient feedback of meal service and develop action plans
- 3) Identify appropriate patients for Medical Nutrition Therapy Program
- 4) Communicate to dietitians, patient service supervisors and managers on Process Improvement activities
- 5) Analyze patient satisfaction survey and tray audit results

LIST THE EDUCATIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING:

- 1) Learn patient interview and education techniques
- 2) Learn how to build action plans and Process Improvement reports

LIST THE ADDITIONAL CLINICAL/PROFESSIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING:

- 1) Rapport building with patients, dietitians and meal service supervisors, managers, and patient care staff.
- 2) Learn therapeutic diets
- 3) Learn clinical criteria and recruitment for Medicare Medical Nutrition Therapy Program

STATE THE MINIMUM LEVEL OF EDUCATION THE STUDENT MUST HAVE ATTAINED:
1 yr

LIST THE MAJOR(S) OF STUDY APPLICABLE TO THIS POSITION:
Nutrition/Food Service Management, Hospitality Services, Management

LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS:
Customer service skills, communication skills, writing skills

CONTACT NAME: Judith Sabino
MENTOR NAME: Cathy Coyne
DEPARTMENT: Community Health
SITE: LVH-17 SON

LVHHN RESEARCH SCHOLAR POSITION DESCRIPTION
DIVISION OF EDUCATION

DESCRIBE THE POSITION, INCLUDING AT LEAST ONE RESEARCH PROJECT THE STUDENT WILL PARTICIPATE IN: The Community Health Research Scholar will work with the Community Health Director of Program Development in the planning and implementation of a community health status assessment. The research scholar will also take part in program development to address child health and oral health issues in our community.

DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT: The community health status assessment is a strategic goal for Community Health in FY07. The student's contributions will aid in the continued implementation of this project.

LIST THE 3-5 MAIN GOALS TO BE INCLUDED IN THIS POSITION. GOALS SHOULD BE MEASURABLE, REALISTIC AND ATTAINABLE: By the end of the summer session, the research scholar will (1) complete the acquisition and analysis of secondary data related to one health status indicator; (2) research best practice interventions to address this issue; and (3) develop a preliminary collaborative program plan regarding this specific health issue.

LIST THE EDUCATIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: The student will work with Community Health's new director of program development, Cathy Coyne. Dr. Coyne joins us from W. Virginia University where she provided classroom and practicum instruction in health status assessments and program planning.

LIST THE ADDITIONAL CLINICAL/PROFESSIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: The student will have the opportunity to observe all of the other Community Health programs (such as Tobacco Treatment and Community Exchange) as well as other access to care interventions occurring at LVH-17 and in the community.

STATE THE MINIMUM LEVEL OF EDUCATION THE STUDENT MUST HAVE ATTAINED: 3 yrs

LIST THE MAJOR(S) OF STUDY APPLICABLE TO THIS POSITION:
public health, health administration, nursing or related areas

LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS:
MS Office software expertise, critical thinking and problem solving skills

CONTACT NAME: Dr. Russ Bergman – Muhlenberg, Dr. Charles Incalcaterra
MENTOR NAME: Dr. Russ Bergman – Muhlenberg, Dr. Charles Incalcaterra
DEPARTMENT: Dental Medicine
SITE: Muhlenberg, 17th & Chew (2 students, one at each site)

**LVHHN RESEARCH SCHOLAR POSITION DESCRIPTION
DIVISION OF EDUCATION**

DESCRIBE THE POSITION, INCLUDING AT LEAST ONE RESEARCH PROJECT THE STUDENT WILL PARTICIPATE IN: The student will be introduced to hospital-based dentistry. He/she will have the opportunity to observe all phases of dentistry, including general and specialty care. The student will be invited to attend all educational programs attended by the dental residents, as well as observe dentistry performed in the operating room.

DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT:
This position allows a candidate to become familiar with the clinical and education opportunities of the LVHH Dental GPR Programs. In the past this has been beneficial in obtaining residents, who because of their experience here, chose an LVHHN program over other GPR programs.

LIST THE 3-5 MAIN GOALS TO BE INCLUDED IN THIS POSITION. GOALS SHOULD BE MEASURABLE, REALISTIC AND ATTAINABLE:

1. Learn and become familiar with dental procedures, materials, and language
2. Interact with our dental residents and develop a mentor type relationship with them (e.g., gain first hand knowledge about the different dental schools attended by our residents, discuss their experiences, etc.).
3. Observe dental care provided under general anesthesia and/or sedation.
4. Understand the important role of the Department of Dental Medicine in the hospital.
5. Gain understanding and appreciation of the value of dental post graduate training as a general practice resident.

LIST THE EDUCATIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING:

1. The opportunity to attend lectures given by the dental teaching staff.
2. The opportunity to observe procedures in the clinic setting as well as the operating room.
3. The opportunity to observe in the Emergency Department.
4. Upon completion of the internship, a letter of recommendation may be written for inclusion in the intern’s dental school application process.

LIST THE ADDITIONAL CLINICAL/PROFESSIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING:

1. Observation within the Dental Clinic(s).
2. Observation in the Operating Room.
3. Observation in the Emergency Department

STATE THE MINIMUM LEVEL OF EDUCATION THE STUDENT MUST HAVE ATTAINED: 2 yrs

LIST THE MAJOR(S) OF STUDY APPLICABLE TO THIS POSITION:
Acceptable majors of study: Pre-Health Profession, Biology, Chemistry, Natural Science.

LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS:
Specific skills: strong communication and interpersonal skills

CONTACT NAME: Valerie Rupp
MENTOR NAME: Valerie Rupp
DEPARTMENT: Emergency Medicine
SITE: LVH – Cedar Crest & I-78 (2 students)

LVHVN RESEARCH SCHOLAR POSITION DESCRIPTION
DIVISION OF EDUCATION

DESCRIBE THE POSITION, INCLUDING AT LEAST ONE RESEARCH PROJECT THE STUDENT WILL PARTICIPATE IN: The student will participate in a research project to determine the trauma triage classification of trauma centers in Pennsylvania initially, then across the United States. This information will be used to make comparisons to the current triage criteria and formulate, design and implement a revised trauma triage criteria to be utilized at Lehigh Valley Hospital and hopefully nationwide.

DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT: The interns will have the opportunity to work on a research study that could impact care of the trauma patient nationwide.

LIST THE 3-5 MAIN GOALS TO BE INCLUDED IN THIS POSITION. GOALS SHOULD BE MEASURABLE, REALISTIC AND ATTAINABLE: The intern will become familiar with the research process and how it applies to the clinical setting. They will have hands-on experience in screening for potential research patients, and becoming part of the enrolling process such as, consenting, review of inclusion/exclusion criteria, data abstraction, data-base design and development, and data entry.

LIST THE EDUCATIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: This internship will help the student build on concepts learned within the classroom and apply them to the clinical setting and learn how they apply to the research process. Those interns who are looking for a career in medicine or research will be provided a solid understanding in research while giving them the opportunity to experience of what takes place within a busy Emergency Department.

LIST THE ADDITIONAL CLINICAL/PROFESSIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: We will make every attempt to make the interns experience as exciting as possible by scheduling observational experiences within the Emergency Department, Trauma Bays, Cetrionia Ambulance, and Medevac Helicopter (not guaranteed due to airport security) while providing a hands-on approach to learning about research (excluding patient contact).

STATE THE MINIMUM LEVEL OF EDUCATION THE STUDENT MUST HAVE ATTAINED: 3 yrs

LIST THE MAJOR(S) OF STUDY APPLICABLE TO THIS POSITION: Biology or Chemistry

LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS: Good work ethic, able to remain confidential and professional. Good communication skills, observational opportunities may be graphic due to disturbing illness or injury.

CONTACT NAME: Nyann Biery
MENTOR NAME: Julie Dostal
DEPARTMENT: Family Medicine
SITE: LVH - 17th & Chew

**LVHVN RESEARCH SCHOLAR POSITION DESCRIPTION
DIVISION OF EDUCATION**

DESCRIBE THE POSITION, INCLUDING AT LEAST ONE RESEARCH PROJECT THE STUDENT WILL PARTICIPATE IN: The intern will participate in the quality improvement activities of the Family Health Center (the Family Medicine Residency clinical practice). These activities focus on setting up processes and tracking data on outcome and process measures for 10 common conditions, including chronic and prevention activities.

DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT: Data collected by the intern, will be reported back to the faculty of the FHC. If needed, faculty development will be offered to remind faculty of the importance of using the screening tools available to them and the interventions that are available to their patients.

LIST THE 3-5 MAIN GOALS TO BE INCLUDED IN THIS POSITION. GOALS SHOULD BE MEASURABLE, REALISTIC AND ATTAINABLE:

1. Perform chart audits for domestic violence and tobacco use screening
2. Perform chart audits for two chronic conditions
3. Perform literature reviews to support the best practices in these 4 areas
4. Participate in the PDSA cycle of improvement for these areas

LIST THE EDUCATIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: Opportunity to learn about quality improvement activities within a primary care setting utilizing an EMR. Creation of data bases, learning how to do searches and create reports, practicing the application of the PDSA cycle to actual processes. Use of End Notes to organize literature reviews. Observation of primary care practice, daily interaction with Family Medicine residents.

LIST THE ADDITIONAL CLINICAL/PROFESSIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: The intern will observe in a busy family medicine office, which includes hospital care, nursing home care, newborn care, and home visits by family doctors.

STATE THE MINIMUM LEVEL OF EDUCATION THE STUDENT MUST HAVE ATTAINED: 1 yr

LIST THE MAJOR(S) OF STUDY APPLICABLE TO THIS POSITION:
Pre med, anthropology, sociology, psychology,

LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS:
basic data base and computer skills, curiosity, good observational skills

CONTACT NAME: Scott Smith
MENTOR NAME: Scott Smith
DEPARTMENT: Finance
SITE: 1249 S. Cedar Crest Blvd.

LVHHN RESEARCH SCHOLAR POSITION DESCRIPTION
DIVISION OF EDUCATION

DESCRIBE THE POSITION, INCLUDING AT LEAST ONE RESEARCH PROJECT THE STUDENT WILL PARTICIPATE IN: process improvement for bank reconciliations, bank consolidation and positive pay tax filing improvements regarding documentation and electronic filing procs.

DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT: permanent implementation of streamlined processes for above projects

LIST THE 3-5 MAIN GOALS TO BE INCLUDED IN THIS POSITION. GOALS SHOULD BE MEASURABLE, REALISTIC AND ATTAINABLE: specific documentation changes, consolidation of bank accounts (fewer to reconcile) finalize bank reconciliation procedures

LIST THE EDUCATIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: work in different areas of Finance- tax, general ledger, cash management

LIST THE ADDITIONAL CLINICAL/PROFESSIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: not applicable

STATE THE MINIMUM LEVEL OF EDUCATION THE STUDENT MUST HAVE ATTAINED: 3 yrs

LIST THE MAJOR(S) OF STUDY APPLICABLE TO THIS POSITION: accounting

LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS: Microsoft office - excel and word

CONTACT NAME: Martin Martino, MD
MENTOR NAME: Martin Martino, MD
DEPARTMENT: Gynecologic Oncology
SITE: 17th and Chew Sts

LVHVN RESEARCH SCHOLAR POSITION DESCRIPTION
DIVISION OF EDUCATION

DESCRIBE THE POSITION, INCLUDING THE RESEARCH PROJECT: This position is for an upper level student with an interest in medicine and communication. Students will work with a team of surgeons to create an educational model for patients to learn more about what "cancer" actually means and the different methods of treatment. Students will work with our group to create a "portfolio" for patients to learn about their specific diagnosis.

DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT:
The strategic impact from the project will to improve the overall Patient Care experience at LVH.

LIST THE 5 MAIN GOALS TO BE INCLUDED IN THIS POSITION. GOALS SHOULD BE MEASURABLE, REALISTIC AND ATTAINABLE:

1. Improve the patient experience.
2. Patient/student education.
3. Research.
4. Innovation (create an informed consent video for patients to listen to regarding their surgery).

LIST THE EDUCATIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: Students will learn about medicine and surgery, including the anatomy and physiology of cancer.

LIST THE ADDITIONAL CLINICAL/PROFESSIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: Students will have the opportunity to work with physicians and patients to improve the patient care experiences and their own level of medical education.

STATE THE MINIMUM LEVEL OF EDUCATION THE STUDENT MUST HAVE ATTAINED: 2 yrs

LIST THE MAJOR(S) OF STUDY APPLICABLE TO THIS POSITION: Any.

LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS:
Microsoft word, Excel, Powerpoint.

CONTACT NAME: Susan Kalkhuis-Beam
MENTOR NAME: Susan Kalkhuis-Beam
DEPARTMENT: Health Studies
SITE: LVH - 17th & Chew

**LVHHN RESEARCH SCHOLAR POSITION DESCRIPTION
DIVISION OF EDUCATION**

DESCRIBE THE POSITION, INCLUDING THE RESEARCH PROJECT: Scholar will work on four *Tobacco Research in Adolescents with Depression (TRIAD)* Studies: 1) a qualitative interview study for adolescents who are depressed and smoking, 2) validation of an adolescent behavioral health screening tool, 3) a randomized, controlled trial comparing motivational interviewing (MI) and enhanced usual care for adolescents who smoke and 4) a randomized, controlled trial comparing attachment based family therapy (ABFT) and enhanced usual care for adolescents who are depressed. Scholar will assist in conducting the randomized, controlled trials and help practices and patients in using the computerized screening tool developed by the TRIAD Research team.

DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT: This is a large project being conducted at LVH, Children's Hospital of Philadelphia, St. Christopher's Hospital of Philadelphia and Children's Hospital of Pittsburgh. As a randomized, controlled intervention trial focusing on adolescent depression and smoking, it is a different kind of research than many other studies at LVH.

LIST THE 5 MAIN GOALS TO BE INCLUDED IN THIS POSITION. GOALS SHOULD BE MEASURABLE, REALISTIC AND ATTAINABLE: 1) Increase knowledge of the workflow of medical offices and assist the support staff at the medical offices with the randomized, controlled trial, the screening tool and the procedures related to the TRIAD studies as a whole. 2) Increase knowledge of data management. Student will assist in collecting, recording and transmitting confidential data generated from questionnaires, audiotapes and videotapes. 3) Increase knowledge of behavioral measures and the diagnosis of mental health disorders. Student will assist patients in using the screening tool and other questionnaires and be available to answer questions. Student will work with research and medical personnel to overcome any difficulties associated with using the tool. 4) Increase interpersonal skills. Student will have significant interaction with adolescent patients and their parents in person and on the phone. Student will have frequent contact with medical personnel. 5) Submit two page discussion of the trial and the successes and failures encountered implementing it. Recommendations to improve recruitment and/or procedures related to the study should be included.

LIST THE EDUCATIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: This position may appeal to students with a general interest in psychology or the psychology of adolescents. Students will be directly involved in all aspects of a randomized, controlled trial and will become familiar with conducting research in a medical setting. In addition, they will learn about behavioral measures and utilizing the *Diagnostic and Statistical Manual of Mental Disorders, fourth edition (DSM-IV)* criteria while helping to administer the computerized screening tool and other questionnaires.

LIST THE EDUCATIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: Student will become familiar with how research is conducted in a medical setting and will be introduced to medicine in a variety of practices. Student may be able to clarify if this kind of work appeals to them and will gain perspective on collaboration between medical doctors and psychologists.

STATE THE MINIMUM LEVEL OF EDUCATION THE STUDENT MUST HAVE ATTAINED: 2 or 3 yrs

LIST THE MAJOR(S) OF STUDY APPLICABLE TO THIS POSITION: psychology, social work or pre-med.

LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS: Computer/people skills, ability to work independently. The student will be privy to personal information about adolescent patients and their families; non-judgment, empathy, and confidentiality are essential.

CONTACT NAME: Patricia Matula
MENTOR NAME: Patricia Matula, Gina Sierzega
DEPARTMENT: Healthcare Research
SITE: 1247 S. Cedar Crest Blvd.

LVHVN RESEARCH SCHOLAR POSITION DESCRIPTION
DIVISION OF EDUCATION

DESCRIBE THE POSITION, INCLUDING AT LEAST ONE RESEARCH PROJECT THE STUDENT WILL PARTICIPATE IN: In an effort to improve patient outcomes, the hospital is developing, implementing and measuring the effect of evidence-based Clinical Practice Guidelines. This interdisciplinary project will require extensive literature review & project design involving multiple arenas providing direct patient care. The student will be able to choose an area of interest.

DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT: Providing evidence-based care ensures positive patient outcomes. These guidelines will provide evidence at the point of care and opportunities for the student to learn about health care and research.

LIST THE 3-5 MAIN GOALS TO BE INCLUDED IN THIS POSITION. GOALS SHOULD BE MEASURABLE, REALISTIC AND ATTAINABLE: Complete at least one Clinical Practice Guideline (CPG) 2. Learn to utilize the concepts of research & evidence-based practice (EBP) to investigate clinical questions. Present one completed CPG to the interdisciplinary team and obtain feedback on the process from the team.

LIST THE EDUCATIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: Acquire knowledge of the Research Process including methods for searching the evidence in a systematic manner. Conduct a Research Project including all components of the process. Work with interdisciplinary teams to solve clinical questions using EBP methodology. Learn how to develop and submit grants to obtain funding for Research /EBP projects.

LIST THE ADDITIONAL CLINICAL/PROFESSIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: Conduct bedside data collection working with clinicians who provide direct care to patients. Collaborate with Nurse Research Specialist and PhD Nurse Researcher to obtain first hand knowledge of clinical issues. Observe experiences in approved specialty areas selected by student.

STATE THE MINIMUM LEVEL OF EDUCATION THE STUDENT MUST HAVE ATTAINED: 1 yr

LIST THE MAJOR(S) OF STUDY APPLICABLE TO THIS POSITION: Undergraduate completed 2 years , prefer some basic research. All health care majors including pre-med, nurses or allied health care.

LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS:
Basic Office programs such as Microsoft Word, EXCEL, Email, Basic Search Skills

CONTACT NAME: Joyce Najarian
MENTOR NAME: Joyce Najarian
DEPARTMENT: Helwig Diabetes Center
SITE: 1251 S. Cedar Crest Blvd. and LVH-Cedar Crest & I-78

LVHHN RESEARCH SCHOLAR POSITION DESCRIPTION
DIVISION OF EDUCATION

DESCRIBE THE POSITION, INCLUDING AT LEAST ONE RESEARCH PROJECT THE STUDENT WILL PARTICIPATE IN: Inpatient Diabetes Management Quality Improvement Projects and Data Collection

DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT: National trends are for hospitals to initiate tight glucose control for all patients with hyperglycemia due to increased EBM that tight glucose control in the acute care setting reduces morbidity and mortality. LVH has many initiatives moving this way and can use help to continue to move efforts.

LIST THE 3-5 MAIN GOALS TO BE INCLUDED IN THIS POSITION. GOALS SHOULD BE MEASURABLE, REALISTIC AND ATTAINABLE:

1. Assist with protocol development based on EBM.
2. Assist with piloting protocols.
3. Assist with development of educational materials/resources to facilitate understanding of same.
4. Assist with measurement and data collection as needed to monitor progress.

LIST THE EDUCATIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: Research/project design is cutting edge of looking at ways to improve clinical outcomes of patients with diabetes/hyperglycemia. Will work with professional staff - RNs, RDs, CRNPs, and MDs who care for diabetes across the lifespan.

LIST THE ADDITIONAL CLINICAL/PROFESSIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: Opportunity to gain knowledge from skilled, diabetes specialty hospital center. LVH was listed as #23 in the nation for diabetes/hormonal care in the US News and World Report.

STATE THE MINIMUM LEVEL OF EDUCATION THE STUDENT MUST HAVE ATTAINED: 2 yrs

LIST THE MAJOR(S) OF STUDY APPLICABLE TO THIS POSITION:
Nursing, pharmacy, dietitian, medicine or other healthcare.

LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS:
good communication, ability to work independently with direction. Computer, internet, lit review skills needed. Basic health and medical knowledge helpful.

CONTACT NAME: Julene Campion
MENTOR NAME: Julene Campion
DEPARTMENT: Human Resources
SITE: 1249 S. Cedar Crest

LVHHN RESEARCH SCHOLAR POSITION DESCRIPTION
DIVISION OF EDUCATION

DESCRIBE THE POSITION, INCLUDING AT LEAST ONE RESEARCH PROJECT THE STUDENT WILL PARTICIPATE IN: Employee career counseling, employee retention, RN/GN recruiting

DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT:
Employee satisfaction

LIST THE 3-5 MAIN GOALS TO BE INCLUDED IN THIS POSITION. GOALS SHOULD BE MEASURABLE, REALISTIC AND ATTAINABLE: Partner with Career Counselor to develop career planning programs for LVH employees. Develop 2-3 employee referral program events/promotions. Attend 1-2 recruiting events and provide feedback.

LIST THE EDUCATIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: Learn day-to-day operations of HR dept. at large healthcare institution.

LIST THE ADDITIONAL CLINICAL/PROFESSIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING:

STATE THE MINIMUM LEVEL OF EDUCATION THE STUDENT MUST HAVE ATTAINED: 3.5 yrs

LIST THE MAJOR(S) OF STUDY APPLICABLE TO THIS POSITION:
HR, OD, OB, Business

LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS: MS Office, project management, time management

CONTACT NAME: Teressa Colbaugh
MENTOR NAME: Teressa Colbaugh
DEPARTMENT: Marketing & Public Affairs
SITE: 1249 S. Cedar Crest Blvd.

LVHHN RESEARCH SCHOLAR POSITION DESCRIPTION
DIVISION OF EDUCATION

DESCRIBE THE POSITION, INCLUDING AT LEAST ONE RESEARCH PROJECT THE STUDENT WILL PARTICIPATE IN: Student will be able to work on multiple projects from initial meetings with client manager for discussion of project to creation/design and layout of project and contact with any vendors needed to complete project.

DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT:

The internship is providing a service geared toward educating the community about the kind and quality of services we provide and/or how to access them. It will be achieved through various projects needed at appropriate times. These projects could range from newspaper ads to billboards and any printed communication to keep employees, physicians, and patients and community aware of current information about LVHHN.

LIST THE 3-5 MAIN GOALS TO BE INCLUDED IN THIS POSITION. GOALS SHOULD BE MEASURABLE, REALISTIC AND ATTAINABLE:

1. Learn and maintain professional attitude
2. Contribute creative ideas within design team.
3. Layout/design development of multiple projects.
4. Create designs keeping within a budget.
5. Work with vendors to produce final project.

LIST THE EDUCATIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING:

Learn how to create a finished product that really meets the needs of the client. Learn to design a project with specific criteria and maintain a budget. Learn how to specify information to a vendor to print a project, i.e., specify paper, inks, printing process, etc. Learn how to prepare a document for printing. Learn professional look of comp presentation.

LIST THE ADDITIONAL CLINICAL/PROFESSIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: N/A

STATE THE MINIMUM LEVEL OF EDUCATION THE STUDENT MUST HAVE ATTAINED: 3 yrs.

LIST THE MAJOR(S) OF STUDY APPLICABLE TO THIS POSITION:

Communication/advertising design

LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS:

This position requires the student to have a good working knowledge of the Macintosh computer and the following programs: Quark Express, Adobe PhotoShop, Adobe Illustrator and Adobe Acrobat.

CONTACT NAME: Brian Downs
MENTOR NAME: Brian Downs
DEPARTMENT: Marketing & Public Affairs
SITE: 1249 S. Cedar Crest Blvd.

LVHHN RESEARCH SCHOLAR POSITION DESCRIPTION
DIVISION OF EDUCATION

DESCRIBE THE POSITION, INCLUDING AT LEAST ONE RESEARCH PROJECT THE STUDENT WILL PARTICIPATE IN: Student will interact on a rotating basis with managers in several functional areas of public affairs: media relations, employee communications, community relations, government relations, issues management, marketing communications, electronic communications. The academic project will be selected with the student with advice from managers in functional areas, focusing on a local issue of social, political or health policy with potential impact on LVHHN’s image or reputation in the community.

DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT: In addition to protecting and enhancing LVHHN’s image in the community, region and nation, the student’s daily and special project work is designed to generate publicity about LVHHN to help drive patient volume. The overall internship and academic project are geared toward educating the community about the kind and quality of services provided and/or how to access them.

LIST THE 3-5 MAIN GOALS TO BE INCLUDED IN THIS POSITION. GOALS SHOULD BE MEASURABLE, REALISTIC AND ATTAINABLE:

1. Manage press coverage for a least one significant development or event, under guidance of media relations director.
2. Identify, research, and write a major story for internal communication purposes, for each month of the internship period, under guidance of internal communications manager.
3. Participate in *Healthy You* publication planning and writing for marketing director.
4. Coordinate an outreach effort with local elected officials, to improve communications and relationships and achieve support for a specific policy initiative, under guidance of government relations director.
5. Coordinate a special event to achieve attendance goals, under guidance of director of special events.

LIST THE EDUCATIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING:

1. Interaction with and mentoring by an entire team of public affairs professionals.
2. Ability for student to apply classroom learnings to real-life professional situations.
3. Opportunity for student to work with physicians and administrators to accomplish the work of public affairs.

LIST THE ADDITIONAL CLINICAL/PROFESSIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: No specific clinical application, other than the opportunity to work with clinicians in the course of implementing public affairs projects

STATE THE MINIMUM LEVEL OF EDUCATION THE STUDENT MUST HAVE ATTAINED: 3 yrs.

LIST THE MAJOR(S) OF STUDY APPLICABLE TO THIS POSITION:
Journalism, mass communications, public relations, public affairs, marketing.

LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS:
Excellent written and verbal communication skills. Working knowledge of public relations/public affairs, attained through education at the university level. Hard-working, personable, goal-oriented, quick study.

CONTACT NAME: Kathryn Armstrong
MENTOR NAME: Kathryn Armstrong
DEPARTMENT: Marketing & Public Affairs
SITE: 1249 S. Cedar Crest Blvd.

LVHHN RESEARCH SCHOLAR POSITION DESCRIPTION
DIVISION OF EDUCATION

DESCRIBE THE POSITION, INCLUDING AT LEAST ONE RESEARCH PROJECT THE STUDENT WILL PARTICIPATE IN: This intern will work closely with the core web team (comprised of internal employees and external vendors) to maintain and upgrade LVH.org. This will include reviewing, revising and uploading content, as well as creating new content where appropriate. May also include working on Search Engine Marketing initiative.

DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT: LVH.org is a major contributor for bringing new business to LVHHN and also plays a major role in communicating health information to our community. Our next round of upgrades will require reviewing traffic and demographic information against current site and revising where appropriate, then measuring response and establishing and building ongoing process for future change and growth.

LIST THE 3-5 MAIN GOALS TO BE INCLUDED IN THIS POSITION. GOALS SHOULD BE MEASURABLE, REALISTIC AND ATTAINABLE:

1. Review existing content for relevance
2. Identify and implement areas for personalization
3. Help set goals based on analysis of web traffic and establish means for measuring success
4. Strategically link areas on website for optimum effectiveness

LIST THE EDUCATIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: This intern will have the opportunity to work within a team environment, alongside industry professionals, to maintain and build a major healthcare website; this activity will teach skills in marketing strategy, planning and implementation and success measurement

LIST THE ADDITIONAL CLINICAL/PROFESSIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: N/A

STATE THE MINIMUM LEVEL OF EDUCATION THE STUDENT MUST HAVE ATTAINED: 3 yrs.

LIST THE MAJOR(S) OF STUDY APPLICABLE TO THIS POSITION:
Computer science, marketing, web design.

LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS:
High level of computer literacy, internet fluency, creativity, excellent communication and writing skills a plus

CONTACT NAME: Cathy Fuhrman
MENTOR NAME: Daniel Ray
DEPARTMENT: Medicine
SITE: LVH - Cedar Crest & I-78

LVHVN RESEARCH SCHOLAR POSITION DESCRIPTION
DIVISION OF EDUCATION

DESCRIBE THE POSITION, INCLUDING AT LEAST ONE RESEARCH PROJECT THE STUDENT WILL PARTICIPATE IN: The student will participate in the design, data acquisition or ongoing projects in the Medical Intensive Care Unit. Throughout the course, the intern will be exposed to a variety of cases. Potential studies could include: ventilated associated pneumonia, blood glucose evaluation, to mention a few.

DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT: The intern will be involved in development of study design, data collection, data coding, data analysis, and potential manuscript publication.

LIST THE 3-5 MAIN GOALS TO BE INCLUDED IN THIS POSITION. GOALS SHOULD BE MEASURABLE, REALISTIC AND ATTAINABLE:

1. Describe types of fundamentals of research design.
2. List techniques for structuring of data and basic data analysis.
3. Participate in data collection.
4. Demonstrate how to search the medical literature.

LIST THE EDUCATIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: The student will attend Medical grand rounds, resident lectures, and major medical conferences where applicable.

LIST THE ADDITIONAL CLINICAL/PROFESSIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: Student will have the opportunity to observe medical and surgical procedures, observe and participate in ICU rounds.

STATE THE MINIMUM LEVEL OF EDUCATION THE STUDENT MUST HAVE ATTAINED: 3 yrs.

LIST THE MAJOR(S) OF STUDY APPLICABLE TO THIS POSITION:
Biology, Sociology, Psychology

LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS:

CONTACT NAME: Stacey Smith
MENTOR NAME: Stacey Smith
DEPARTMENT: Medicine
SITE: LVH - Cedar Crest & I-78

LVHHN RESEARCH SCHOLAR POSITION DESCRIPTION
DIVISION OF EDUCATION

DESCRIBE THE POSITION, INCLUDING AT LEAST ONE RESEARCH PROJECT THE STUDENT WILL PARTICIPATE IN: The student will be involved with direct patient contact and rounding with the medical teams. They will help record clinical questions generated by the residents and facilitate evidence based searches for answers at the bedside. This will also be done at resident reports. Number, type and percent of answers found will be tracked as part of a project.

DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT: Will track and answer clinical questions with Evidence Based Answers at the Point of Care (EPOC). Will facilitate evidence based curriculum among the residents and hopefully improve the quality of medical care to patients. The use of evidence based medicine after the student leaves will be measured to see if an impact was made.

LIST THE 3-5 MAIN GOALS TO BE INCLUDED IN THIS POSITION. GOALS SHOULD BE MEASURABLE, REALISTIC AND ATTAINABLE:

1. Tracking the amount/frequency of clinical questions generated on rounds
2. Tracking the amount of evidenced based answers versus non-evidence based answers.
3. Impact/improve the use of evidenced based medicine by the residents
4. Assist in improving evidence based web-links to facilitate timely answers at the bedside.

LIST THE EDUCATIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: Will learn evidence based medicine (and research) concepts. Will be instrumental in teaching residents in small group environments about evidenced based medicine. Will learn the value/impact of the quality improvement cycle. Research will directly impact patient care.

LIST THE ADDITIONAL CLINICAL/PROFESSIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: Will be a key part of a medicine rounding team on hospital patients. Will work closely with medical residents and see an array of hospital professions. Will have the opportunity to impact the long term education of resident doctors.

STATE THE MINIMUM LEVEL OF EDUCATION THE STUDENT MUST HAVE ATTAINED: 1 yr.

LIST THE MAJOR(S) OF STUDY APPLICABLE TO THIS POSITION:
Biology, Pre-med, Psychology

LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS:
Observation skills, an interest in research, web searching skills

CONTACT NAME: Krista.Hirschmann
MENTOR NAME: Krista.Hirschmann
DEPARTMENT: Medicine
SITE: LVH - 17th & Chew

LVHHN RESEARCH SCHOLAR POSITION REQUEST FORM
DIVISION OF EDUCATION

DESCRIBE THE POSITION, INCLUDING AT LEAST ONE RESEARCH PROJECT THE STUDENT WILL PARTICIPATE IN: This position involves videotaping the Medicine residents during their patient clinical interactions. These videotapes are used to evaluate resident medical interviewing skills. The job of the scholar is to consent the patient and operate the equipment. Afterwards, the student will have access to the tapes to develop an educational project of his/her choosing.

DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT: This project assists the Department of Medicine with developing medical interviewing skills, particularly agenda setting, among the residents.

LIST THE 3-5 MAIN GOALS TO BE INCLUDED IN THIS POSITION. GOALS SHOULD BE MEASURABLE, REALISTIC AND ATTAINABLE:

- 1) videotape as many 2nd and 3rd year residents as possible.
- 2) learn the skills involved with conducting a medical interview
- 3) learn how to evaluate communication skills performance
- 4) develop a learning project of interest to the student.

LIST THE EDUCATIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: This position is ideal for anyone pursuing a career in primary care and who will need to know the medical interview.

LIST THE ADDITIONAL CLINICAL/PROFESSIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: Knowing the medical interview before applying to a clinical program is a tremendous advantage.

STATE THE MINIMUM LEVEL OF EDUCATION THE STUDENT MUST HAVE ATTAINED: 2 yrs.

LIST THE MAJOR(S) OF STUDY APPLICABLE TO THIS POSITION:
Premed, Biology, Communication, Sociology, Psychology

LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS:
The student should be mature, self-motivated, capable of working without direct supervision and have good interpersonal skills.

CONTACT NAME: Gwen Rosser
MENTOR NAME: Gwen Rosser, ODC
DEPARTMENT: Organizational Development
SITE: 1249 S. Cedar Crest Blvd.

LVHHN RESEARCH SCHOLAR POSITION DESCRIPTION
DIVISION OF EDUCATION

DESCRIBE THE POSITION, INCLUDING AT LEAST ONE RESEARCH PROJECT THE STUDENT WILL PARTICIPATE IN: To gain a better understanding of the OD profession and process consultation. Partner with an ODC for planning the opening of the new LVH tower. To partner with an OD consultant in a client intervention providing assessment, analysis and feedback to a client. Gain experience in benchmarking and data collection for a organizational project.

DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT:

- ◇ Opportunity to work a project from idea to completion
- ◇ Personal development feedback from internal OD consultants
- ◇ Team development theory and application

LIST THE 3-5 MAIN GOALS TO BE INCLUDED IN THIS POSITION. GOALS SHOULD BE MEASURABLE, REALISTIC AND ATTAINABLE:

- ◇ To gain a better understanding of the OD profession and process consultation.
- ◇ To partner with an OD consultant in a client intervention providing assessment, analysis or feedback reporting to the client.
- ◇ To partner with an ODC to plan the LVH-CC readiness for the new tower.

LIST THE EDUCATIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING:

- ◇ Team development theory and application.
- ◇ Opportunity to partner on a project from idea to completion.
- ◇ Personal development feedback from internal OD consultants

LIST THE ADDITIONAL CLINICAL/PROFESSIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING:

To gain a better understanding of the OD profession and process consultation model.
To partner with an OD consultant in a client intervention providing assessment, analysis or feedback reporting to the client. Potential to work with Management Engineering and Human Resources on related projects.

STATE THE MINIMUM LEVEL OF EDUCATION THE STUDENT MUST HAVE ATTAINED:

3 yrs.

LIST THE MAJOR(S) OF STUDY APPLICABLE TO THIS POSITION: Organizational Development; Organizational Psychology; Behavioral Health, Human resources; Nursing; Hospital Administration

LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS:

Highest level confidentiality, data analysis and reporting, general use of MS Office suite, some experience with database creation and reporting.

CONTACT NAME: Sandra Tremblay
MENTOR NAME: Sandra Tremblay
DEPARTMENT: Physical Therapy
SITE: LVH - Cedar Crest & I-78

LVHHN RESEARCH SCHOLAR POSITION DESCRIPTION
DIVISION OF EDUCATION

DESCRIBE THE POSITION, INCLUDING AT LEAST ONE RESEARCH PROJECT THE STUDENT WILL PARTICIPATE IN: Research scholar will assist in literature search and article retrieval. Data collection, data entry and creation of data bases. We will be in the data collection phase of at least one project: The Fall Risk Assessment of Home Bound Patients, which will examine the outcome of utilizing objective fall risk measures to assess patient risk of falling post discharge to home.

DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT: Trauma reports increase in community falls; we hope to objectively measure patients fall risk and education in fall prevention strategies prior to return to the home. Also, we are looking at a mouth care project for non-ventilator patients to decrease the risk of nosocomial pneumonia. This position will greatly assist both projects.

LIST THE 3-5 MAIN GOALS TO BE INCLUDED IN THIS POSITION. GOALS SHOULD BE MEASURABLE, REALISTIC AND ATTAINABLE:

1. Creation of a data base for PI project
2. Thorough literature search on an evidence based project
3. Data collection via phone calls for patients discharged within 1 month.
4. Data entry for previous month's data collection.

LIST THE EDUCATIONAL OPPORTUNITIES THAT MAKE THIS POSITION

UNIQUE/APPEALING: Scholar will have the opportunity to assist in research that has a true impact on their community's welfare. They will understand the application of research in the clinical environment. The scholar will also be exposed to the interdisciplinary team work of a teaching hospital research team. This position will include exposure to research at the patient level, more than just paperwork.

LIST THE ADDITIONAL CLINICAL/PROFESSIONAL OPPORTUNITIES THAT MAKE THIS

POSITION UNIQUE/APPEALING: Opportunities will be created to observe Physical, Occupational and/or Speech Therapy in the clinic. Rehab Services offers many opportunities to learn in many different specialty areas in the discipline of their choice, including; orthopedics, balance and vestibular, pediatrics, women's health, industrial health, wound and burn care to name a few.

STATE THE MINIMUM LEVEL OF EDUCATION THE STUDENT MUST HAVE ATTAINED:

2 yrs

LIST THE MAJOR(S) OF STUDY APPLICABLE TO THIS POSITION:

Health studies, Biology, Psychology, Exercise Physiology. They should have applied to a program of Physical, Occupational or Speech Therapy, or have a strong interest.

LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS: Familiarity with Word, and Access, as well as knowledge of Ovid or Medline searches.

CONTACT NAME: Tom Miller
MENTOR NAME: Tom Miller
DEPARTMENT: Psychiatry
SITE:

LVHHN RESEARCH SCHOLAR POSITION DESCRIPTION
DIVISION OF EDUCATION

DESCRIBE THE POSITION, INCLUDING AT LEAST ONE RESEARCH PROJECT THE STUDENT WILL PARTICIPATE IN: Includes direct treatment observation and compilation of pre-post test results as part of an ongoing outcome study which identifies specific patient success and compares it to national benchmarks.

DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT: Project validates partial hospital treatment solidifying insurance contracts while offering info assisting with performance improvement initiatives and overall community service needs

LIST THE 3-5 MAIN GOALS TO BE INCLUDED IN THIS POSITION. GOALS SHOULD BE MEASURABLE, REALISTIC AND ATTAINABLE: Will experience direct group therapy treatment to assist with career plans. Will provide realism for statistics courses and future research initiatives. Will help one understand specifics of psych disability.

LIST THE EDUCATIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: Lots of staff initiatives in patient treatment, group treatment skills, team building skills, treatment planning skills and empathy with others and their unique challenges

LIST THE ADDITIONAL CLINICAL/PROFESSIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: It has each year assisted students on their way to graduate school and has been enjoyed each time.

STATE THE MINIMUM LEVEL OF EDUCATION THE STUDENT MUST HAVE ATTAINED: 3 yrs.

LIST THE MAJOR(S) OF STUDY APPLICABLE TO THIS POSITION: Psych and statistics

LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS: well organized, "excel" computer skills, good interpersonal skills.

CONTACT NAME: Kenneth Miller
MENTOR NAME: Kenneth Miller
DEPARTMENT: Respiratory Care Services
SITE:

LVHHN RESEARCH SCHOLAR POSITION DESCRIPTION
DIVISION OF EDUCATION

DESCRIBE THE POSITION, INCLUDING AT LEAST ONE RESEARCH PROJECT THE STUDENT WILL PARTICIPATE IN: Clinical observation, conduct ventilator research to optimize oxygenation and ventilation and reduced time on mechanical ventilation

DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT:
Improve patient/ventilator interface and decrease the time required on mechanical ventilation.

LIST THE 3-5 MAIN GOALS TO BE INCLUDED IN THIS POSITION. GOALS SHOULD BE MEASURABLE, REALISTIC AND ATTAINABLE:

LIST THE EDUCATIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: Clinical observation in a ICU setting, conduct research, engage in educational sessions, possible abstract submission

LIST THE ADDITIONAL CLINICAL/PROFESSIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING:

STATE THE MINIMUM LEVEL OF EDUCATION THE STUDENT MUST HAVE ATTAINED: 3 yrs.

LIST THE MAJOR(S) OF STUDY APPLICABLE TO THIS POSITION:
Nursing, pre-med, biology

LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS:
basic computer skills including Word, excel, and powerpoint, internet research

CONTACT NAME: Georgene Saliba
MENTOR NAME: Georgene Saliba
DEPARTMENT: Risk Management
SITE: LVH - Cedar Crest & I-78

LVHHN RESEARCH SCHOLAR POSITION DESCRIPTION
DIVISION OF EDUCATION

DESCRIBE THE POSITION, INCLUDING AT LEAST ONE RESEARCH PROJECT THE STUDENT WILL PARTICIPATE IN: Gain an understanding of the operations and function of a RM & d pt safety dept. Student will conduct research to collate the data from the Pt safety survey, with RM data and claims data to determine opportunities for improvement and educational offerings; also understand claims management

DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT:
Foster an understanding of the liability exposures that hospitals face; Further development of the Culture of safety.

LIST THE 3-5 MAIN GOALS TO BE INCLUDED IN THIS POSITION. GOALS SHOULD BE MEASURABLE, REALISTIC AND ATTAINABLE:

- 1) Define the claims process including discovery and trial preparation;
- 2) Recognize how the Culture of Pt. Safety can be enhanced using RM and claims data;
- 3) Describe the RM function within a healthcare organization
- 4) Extrapolate data to define opportunities for improvement and educational offerings

LIST THE EDUCATIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: Unique exposure to Risk management, Claims Management and Pt Safety Functions within a healthcare setting.

LIST THE ADDITIONAL CLINICAL/PROFESSIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: Ability to visit various departments, attend depositions, and perhaps a trial.

STATE THE MINIMUM LEVEL OF EDUCATION THE STUDENT MUST HAVE ATTAINED: 1 yr.

LIST THE MAJOR(S) OF STUDY APPLICABLE TO THIS POSITION:
Pre-law, Nursing, healthcare administration

LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS:
Good writing and communication skills

CONTACT NAME: Gregory Delfino
MENTOR NAME: April Rose
DEPARTMENT: Speech Pathology
SITE: LVH - Muhlenberg

LVHHN RESEARCH SCHOLAR POSITION DESCRIPTION
DIVISION OF EDUCATION

DESCRIBE THE POSITION, INCLUDING AT LEAST ONE RESEARCH PROJECT THE STUDENT WILL PARTICIPATE IN: The student will gather/tabulate data in at least one research study, a retrospective study examining the factors that co-occur in patients who demonstrate aspiration of mixed consistency food on videofluoroscopy. The student would be responsible for completing a spreadsheet and literature searches on related topics. This position will be a combination of clinical and research.

DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT: This position will aid in the department's development of research for evidence based practice and PI initiatives with an academic institution. Without assistance from a student, the department does not have the staff availability to gather and organize data, severely limiting its ability to participate in research.

LIST THE 3-5 MAIN GOALS TO BE INCLUDED IN THIS POSITION. GOALS SHOULD BE MEASURABLE, REALISTIC AND ATTAINABLE:

1. Complete literature searches on related topics.
2. Complete retrospective data collection for 200 swallow studies in accordance with research protocol (IRB pending)
3. Observe and assist with videofluoroscopic swallowing evaluation techniques.
4. Gain experience and understanding of dysphagia which will facilitate learning at the graduate level.

LIST THE EDUCATIONAL OPPORTUNITIES THAT MAKE THIS POSITION

UNIQUE/APPEALING: This position provides the student with an opportunity to participate in cutting edge research in the area of dysphagia and to assist with the completion of a project directly related to patient outcomes and quality of life. In addition the student will learn about the relationship between data and evidence based practice and apply information learned in prior coursework in the clinical setting.

LIST THE ADDITIONAL CLINICAL/PROFESSIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING:

For the student with an interest in dysphagia, this allows a rare opportunity for a student to participate in assessment and research. The student will have the opportunity to participate in co-authorship of any papers/presentations that may stem from this research project. The student will gain the experience of clinical/medical speech pathology.

STATE THE MINIMUM LEVEL OF EDUCATION THE STUDENT MUST HAVE ATTAINED:

3 yrs

LIST THE MAJOR(S) OF STUDY APPLICABLE TO THIS POSITION: Speech-Language Pathology

LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS: Attention to detail, thorough and accurate documentation skills, respect for confidentiality and patient autonomy, professionalism, enthusiasm, flexibility.

CONTACT NAME: Paul J. Mosca, M.D., Ph.D.
MENTOR NAME: Paul J. Mosca, M.D., Ph.D.
DEPARTMENT: Surgery
SITE: LVH - Cedar Crest &1-78

LVHHN RESEARCH SCHOLAR POSITION DESCRIPTION
DIVISION OF EDUCATION

DESCRIBE THE POSITION, INCLUDING AT LEAST ONE RESEARCH PROJECT THE STUDENT WILL PARTICIPATE IN: This project involves exploring a novel approach to treating malignant melanoma. It is largely laboratory based and utilizes melanoma cell lines to find more effective treatment regimens for melanoma. In addition, there are a number of educational conferences that the student is welcome and encouraged to attend.

DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT: The work represents the preclinical component of the LVH/Penn State Cancer Institute (PSCI) objective of conducting patient-oriented cancer research designed to bring more effective therapies to cancer patients.

LIST THE 3-5 MAIN GOALS TO BE INCLUDED IN THIS POSITION. GOALS SHOULD BE MEASURABLE, REALISTIC AND ATTAINABLE:

1. Learn about existing treatments for melanoma and their limitations
2. Learn about the biology of melanoma and how novel drugs are being developed
3. Learn basic tissue culture and basic laboratory techniques
4. Learn about the scientific method: how to develop and test a hypothesis

LIST THE EDUCATIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING:

1. Mentor has experience in clinical oncology, research, education, is easily accessible
2. Opportunity to learn about both clinical and research sides of cancer
3. Environment is rich in pleasant, caring individuals who enjoy teaching
4. Environment provides opportunity to learn about a variety of careers in health care and research

LIST THE ADDITIONAL CLINICAL/PROFESSIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING:

1. Ability to make contacts for possible future job opportunities, advice, or recommendations
2. Ability to learn in community hospital setting with academic activities

STATE THE MINIMUM LEVEL OF EDUCATION THE STUDENT MUST HAVE ATTAINED: 2 yrs.

LIST THE MAJOR(S) OF STUDY APPLICABLE TO THIS POSITION: Biology or any area of biological sciences, biochemistry/chemistry (major not absolute requirement)

LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS:
Laboratory experience.

CONTACT NAME: Robert D. Barraco MD, MPH
MENTOR NAME: Robert D. Barraco MD, MPH
DEPARTMENT: Surgery – Geriatric Trauma
SITE: LVH – Cedar Crest & I-78

LVHVN RESEARCH SCHOLAR POSITION DESCRIPTION
DIVISION OF EDUCATION

DESCRIBE THE POSITION, INCLUDING THE RESEARCH PROJECT: The project is a cohort study of those trauma victims age 55 and over. There is a retrospective arm as well as a prospective one. All admissions will be seen by a geriatric nurse practitioner and followed up at 12 months post-discharge to look at outcomes and quality of life. There will be much data acquisition and periodic interpretation over the 3 years of the study and will likely result in one or more publications.

DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT: The impact for the elder trauma position is that of defining a new standard of care and the possible development of a geriatric trauma score for prognosis of outcome, including quality of life.

LIST THE 5 MAIN GOALS TO BE INCLUDED IN THIS POSITION. GOALS SHOULD BE MEASURABLE, REALISTIC AND ATTAINABLE:

1. Collecting and interpreting data
2. Administration of the quality of life surveys to the patients
3. Phone contact with the patients to help arrange follow-up.
4. Write a 10 minute presentation on the study, the students' experience and what he/she learned while working on the project.

LIST THE EDUCATIONAL OPPORTUNITIES THAT MAKE THIS POSITION

UNIQUE/APPEALING: The student will become familiar with the process of collecting/interpretation of data for a study. There will be weekly meetings with the mentor regarding basic research design and statistical methods and other topics as guided by the interest of the mentee. They will participate in a grant-funded project that will result in publication and become familiar with all that entails.

LIST THE ADDITIONAL CLINICAL/PROFESSIONAL OPPORTUNITIES THAT MAKE

THIS POSITION UNIQUE/APPEALING: There will be ample opportunity to shadow the mentor in various clinical settings as well as non-clinical patient contact. The student will become familiar with the clinical and psychosocial problems encountered in for the elderly trauma patient.

STATE THE MINIMUM LEVEL OF EDUCATION THE STUDENT MUST HAVE

ATTAINED: 1 yr.

LIST THE MAJOR(S) OF STUDY APPLICABLE TO THIS POSITION:

Epidemiology, statistics, psychology and health studies.

LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS:

Typing/basic computer knowledge (Microsoft Office, Word, Excel and PowerPoint) would help but will teach if not.

CONTACT NAME: Robert D. Barraco, MD, MPH, FACS, FCCP
MENTOR NAME: Robert D. Barraco, MD, MPH, FACS, FCCP
DEPARTMENT: Surgery/Trauma, Burn and Surgical Critical Care
SITE: LVH - Cedar Crest & I-78, 1240 S. Cedar Crest

LVHHN RESEARCH SCHOLAR POSITION DESCRIPTION
DIVISION OF EDUCATION

DESCRIBE THE POSITION, INCLUDING AT LEAST ONE RESEARCH PROJECT THE STUDENT WILL PARTICIPATE IN: The study is a prospective longitudinal cohort study. The Palliative Care Curriculum will begin with a concentrated program covering the basic core topics utilizing the materials obtained from EPERC and the Medical College of Wisconsin over an 8 month period. Monthly sessions supplemented by web-based material will be administered to eligible residents. Faculty from all departments that have residencies will share the teaching responsibilities. The residents will be given a Palliative Care Examination prior to the first monthly session in the PGY-2 or 1. The same examination will be given at the end of that year, final year of residency and the first year in practice or fellowship. Along with these knowledge-based tests, a Course Evaluation and Self-Assessment will be administered at each of these points covering issues such as comfort level in dealing with such issues, communication and changes in practice as a result of this curriculum. For comparison, residents who graduated in will be tested and surveyed in a similar fashion.

DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT:

LIST THE 3-5 MAIN GOALS TO BE INCLUDED IN THIS POSITION. GOALS SHOULD BE MEASURABLE, REALISTIC AND ATTAINABLE:

1. Collecting and interpreting data
2. Assist in administering the exams/surveys to the in-house residents
3. Locating recently graduated chief residents and mailing the exams/surveys to them
4. Entering the exam scores and other data into the database
5. Write a 10 minute presentation on the study, the students' experience and what he/she learned while working on the project to present at completion of the internship

LIST THE EDUCATIONAL OPPORTUNITIES THAT MAKE THIS POSITION

UNIQUE/APPEALING: Become familiar with the process of collecting and interpreting data for a study. Understand the principles involved in palliative care by reading related web site material Weekly meetings with the mentor regarding basic research design and statistical methods and other topics as guided by the interest of the mentee.

LIST THE ADDITIONAL CLINICAL/PROFESSIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: Opportunity to shadow the mentor in various clinical settings.

STATE THE MINIMUM LEVEL OF EDUCATION THE STUDENT MUST HAVE ATTAINED:

1 yr. minimum, 3 yrs. preferred

LIST THE MAJOR(S) OF STUDY APPLICABLE TO THIS POSITION:

Epidemiology, pastoral care, statistics, education, psychology

LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS: Typing/basic computer knowledge (Microsoft Office, Word, Excel and PowerPoint) would help but will teach if not

CONTACT NAME: Victoria Sabella
MENTOR NAME: Mark Cipolle, MD, PhD
DEPARTMENT: Surgery/Trauma
SITE: LVH – Cedar Crest & I-78

**LVHHN RESEARCH SCHOLAR POSITION REQUEST FORM
DIVISION OF EDUCATION**

DESCRIBE THE POSITION, INCLUDING AT LEAST ONE RESEARCH PROJECT THE STUDENT WILL PARTICIPATE IN: internship in trauma and surgical critical care division will focus on clinical research for study on surgical management of severe traumatic brain injury.

DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT: learn about impact of interventions on long-term functional outcomes in severely brain injured patients

LIST THE 3-5 MAIN GOALS TO BE INCLUDED IN THIS POSITION. GOALS SHOULD BE MEASURABLE, REALISTIC AND ATTAINABLE: develop and complete at least one hypothesis-driven clinical research project, attend bimonthly research meetings and update group on progress, observe ICU rounds, trauma resuscitations, bedside and OR procedures

LIST THE EDUCATIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: Our division has an active clinical research program with many on-going projects. We have regularly schedule lectures, meetings, and conferences that will be educational for our intern. We support and teach our intern so that the final effort will culminate in presentation at national scientific meeting.

LIST THE ADDITIONAL CLINICAL/PROFESSIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: There is generally a lot of "action" on the trauma service which makes this position especially appealing, but we also offer a lot of support to our interns to make their study period worthwhile.

STATE THE MINIMUM LEVEL OF EDUCATION THE STUDENT MUST HAVE ATTAINED: 1 yr

LIST THE MAJOR(S) OF STUDY APPLICABLE TO THIS POSITION: any

LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS:
computer skills: Excel, Access, Word

CONTACT NAME: Amy King
MENTOR NAME: Dr. Pradip Chakrabarti
DEPARTMENT: Transplant
SITE: 1210 S. Cedar Crest Blvd., Suite 3300

**LVHVN RESEARCH SCHOLAR POSITION DESCRIPTION
DIVISION OF EDUCATION**

DESCRIBE THE POSITION, INCLUDING AT LEAST ONE RESEARCH PROJECT THE STUDENT WILL PARTICIPATE IN: Consenting patients undergoing living donor kidney transplant are evaluated in the use of an anti-rejection agent, Thymoglobulin, given at the time of the transplant. The patient information is to be entered into the Thymoglobulin Antibody Immunosuppression in Living Donor Recipients (TAILOR) registry to evaluate safety and efficacy of dosing strategies.

DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT: The Transplant Center is participating in a research study to study current & new ways of using known treatments. By researching the latest and most innovative transplant procedures and therapies, we can provide patients access to the newest treatments.

LIST THE 3-5 MAIN GOALS TO BE INCLUDED IN THIS POSITION. GOALS SHOULD BE MEASURABLE, REALISTIC AND ATTAINABLE:

1. Identify living donor participants.
2. Identify current and new dosing strategies.
3. Evaluate safety and efficacy of dosing strategies.
4. Review/revise current dosing protocols as necessary.

LIST THE EDUCATIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: This position will expose a student to organ transplantation and the immunosuppressive medications involved with both the transplant donors and recipients. It will allow a student to understand the reasoning behind medical protocols and the impact it has on the patient population.

LIST THE ADDITIONAL CLINICAL/PROFESSIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: The position will expose a student to the transplant process and the many departments that support our patients including nephrology, diagnostic services, the OR, HLA, dietary, social work, cardiology, urology, GI, renal dialysis, etc.

STATE THE MINIMUM LEVEL OF EDUCATION THE STUDENT MUST HAVE ATTAINED: 1 yr.

LIST THE MAJOR(S) OF STUDY APPLICABLE TO THIS POSITION: Nursing, pre-med, biology, chemistry, psychology, sociology, anything related to science or health and human development.

LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS:
The position requires computer proficiency and organization. Prefer a student with an interest in organ transplantation.

CONTACT NAME: Cathy Feher
MENTOR NAME: Cathy Feher
DEPARTMENT: Weight Management Center
SITE: LVH - 17th & Chew Sts., possibly 1243 S. Cedar Crest Blvd.

LVHHN RESEARCH SCHOLAR POSITION DESCRIPTION
DIVISION OF EDUCATION

DESCRIBE THE POSITION, INCLUDING AT LEAST ONE RESEARCH PROJECT THE STUDENT WILL PARTICIPATE IN: This position will include but may not be limited to working with the Weight Management Center staff, designated surgeons, and the Dept of Surgery. As project assistant, the student will have the opportunity to complete chart reviews, database management of the Weight Management Center patients.

DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT: The student will have the opportunity to work with a variety of different disciplines to address weight management issues of adults and children. Data collection of the Fit Kid plus program collaborative with the Allentown and Bethlehem YMCA's will be part of this project.

LIST THE 3-5 MAIN GOALS TO BE INCLUDED IN THIS POSITION. GOALS SHOULD BE MEASURABLE, REALISTIC AND ATTAINABLE:

1. To develop an understanding of the complexities of program development and implementation of a Comprehensive Multidisciplinary approach to Weight Management.
2. To become proficient in chart reviews.
3. To become competent at data entry and data base management in MS Excel and Access.
4. To develop an understanding of Childhood Obesity.

LIST THE EDUCATIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING:

1. Attend education clinical meetings of professional staff and patients
2. Learn about the unique needs of the overweight/obese patient/child associated risks of existing comorbidities (not only physical but psychological).

LIST THE ADDITIONAL CLINICAL/PROFESSIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: Operating Room Observation of Weight Loss surgery; spending a day with a surgeon and/or bariatrician; observation experiences with behavioral health and registered dietitians focusing on weight management issues.

STATE THE MINIMUM LEVEL OF EDUCATION THE STUDENT MUST HAVE ATTAINED: 2 yrs.

LIST THE MAJOR(S) OF STUDY APPLICABLE TO THIS POSITION:
Dietetics, Pre Med, Psychology, Nursing

LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS:
Knowledge of computers, specifically MS Office. Ability to travel between hospital sites and physician practices.