

**CONTACT NAME: Kim Sterk MSN RN**  
**MENTOR NAME: Kim Sterk MSN RN**  
**DEPARTMENT: LVPG Quality Improvement (QI)**  
**CONTACT PHONE: 610-439-7530**  
**SITE: 1605 N Cedar Crest Blvd (ROMA Building) with possible relocation to MACK Blvd in early 2010**  
**SESSION REQUESTED (FALL/SPRING/SUMMER): Spring**  
**YEAR REQUESTED: 2011**

**NUMBER OF STUDENTS REQUESTED (NOTE THAT YOUR DEPT IS REQUIRED TO CONTRIBUTE \$250/SPRING OR FALL STUDENT OR \$750/SUMMER STUDENT): One**  
**EXACT EXPENSE CODE FUNDING TO BE DRAWN FROM: 975P**  
**HAVE YOU REQUESTED A RESEARCH SCHOLAR POSITION BEFORE? IF SO, WHEN? No; I understand that a research scholar assigned to LVPG Clinical Services did work on a project with QI staff.**

**IS THIS PROJECT ONGOING? (Y/N) No**

**IF YES, REFER TO POSITION REQUEST FORM SUGGESTIONS FOR FURTHER INSTRUCTIONS.**

**LVHN RESEARCH SCHOLAR POSITION DESCRIPTION**

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DESCRIBE THE POSITION, INCLUDING AT LEAST ONE RESEARCH PROJECT THE STUDENT WILL PARTICIPATE IN: Assist in measuring and evaluating outcomes for patients in ambulatory care practice settings of Lehigh Valley Physician Group (LVPG), the multispecialty practice group of Lehigh Valley Health Network. Experiences may include literature search related to select best practice initiatives, chart review (i.e., paper, electronic medical record), data entry, PDCA cycles, data analysis and report writing for submission and/or publication.

DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT: Completion will help to position LVPG to maximize revenue in a future where reimbursement is outcome driven and penalties incurred when mandatory requirements are not met.

LIST THE 3-5 MAIN GOALS TO BE INCLUDED IN THIS POSITION. GOALS SHOULD BE MEASURABLE, REALISTIC AND ATTAINABLE: (1) Complete an outcomes-based evaluation project (i.e., best practice initiative). (2) Gain an understanding of strategies utilized to improve the health of the community served (i.e., registries for population and preventive health management). (3) Gain understanding of action steps necessary to prepare for mandatory public reporting of physician performance (i.e., quality and patient experience measures).

LIST THE EDUCATIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: (1) Gain knowledge and experience of quality improvement process in healthcare. (2) Participate in multidisciplinary, interdepartmental teams with members representing quality, process improvement, informatics, information services, finance and/or LVPHO (Lehigh Valley Physician Hospital Organization).

LIST THE ADDITIONAL CLINICAL/PROFESSIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: (1) Exposure to strategies utilized by multidisciplinary team member to implement change. (2) Experience with tools for continuous improvement and effective planning.

STATE THE MINIMUM LEVEL OF EDUCATION THE STUDENT MUST HAVE ATTAINED: Two years undergraduate study

LIST THE MAJOR(S) OF STUDY APPLICABLE TO THIS POSITION: Students with an interest in healthcare, including majors such as Nutrition, Exercise Physiology, Nursing, Pre-Medical, Social Work.

LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS: Basic computer proficiency, strong writing skills, excellent communication and interpersonal skills, emotional intelligence

DESCRIBE SCHEDULE STUDENT WOULD BE EXPECTED TO FOLLOW (APP. 30 HRS/WK): Business hours, Monday-Friday; flexible.

# 2010(SPRING) POOL RESEARCH SCHOLARS POSITION DESCRIPTION

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**Department/Division:** Cardiothoracic Surgery

**Site:** LVH-Cedar Crest & I-78

**Name of Internship Mentor:** Raymond Singer M.D.

**Describe the internship position, including the academic project. This project may qualify for college credit if the student chooses.**

The internship 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.

**List a maximum of 5 main goals that will be included within your student's job responsibilities. The 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 your internship unique and/or 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 *clinical* opportunities that make your internship unique and/or appealing.**

Same as above. The educational and clinical opportunities go hand and hand.

**State the *minimum* level of education that the student must have attained by November 1, 2010 .**

Undergraduate who has completed their first year. **List the major(s) of study that are applicable to your internship.**

Any science major

**List any specific and/or specialized skills that the student should possess.**

Interest and ability to be in the operating room setting.

**CONTACT NAME:** Gerry McGlinn  
**MENTOR NAME:** Gerry McGlinn  
**DEPARTMENT:** Organizational Development  
**SITE:** 2100 Mack Blvd

**LVHN RESEARCH SCHOLAR POSITION DESCRIPTION**

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**DESCRIBE THE POSITION, INCLUDING AT LEAST ONE RESEARCH PROJECT THE STUDENT WILL PARTICIPATE IN:**

Assist the internal OD consultants with their client projects and programs. Projects are varied in scope and skills. Conduct research within network to measure awareness and knowledge of network initiatives.

**DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT:** The findings from this research will be used to improve the roll-out and communication of the initiative.

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

1. To gain a better understanding of the OD profession and process consultation model.
2. To partner with an OD consultant in a client intervention providing assessment analysis or feedback reporting to the client.
3. Provide recommendations around research project.

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

Opportunity to attend developmental workshops delivered by Senior Management

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

Team and individual development theory and application. Personal development feedback from internal OD consultants

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

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

Psychology (I/O), Human Resources, Health Care Administration

**LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS:**

Highest level of confidentiality, data analysis and reporting. Experience with Word, Excel, Powerpoint

**DESCRIBE SCHEDULE STUDENT WOULD BE EXPECTED TO FOLLOW (APP. 15 HRS):** 15 hours/week

CONTACT NAME: Fran Miranda  
MENTOR NAME: Michael Sheinberg MD.  
DEPARTMENT: Department of Obstetrics and Gynecology  
CONTACT PHONE: 610-402-2437  
SITE: LVH- Cedar Crest  
SESSION REQUESTED (FALL/SPRING/SUMMER):  
YEAR REQUESTED: 2010

NUMBER OF STUDENTS REQUESTED (NOTE THAT YOUR DEPT IS REQUIRED TO CONTRIBUTE \$250/SPRING OR FALL STUDENT OR \$750/SUMMER STUDENT): 1 – Fall Student

EXACT EXPENSE CODE FUNDING TO BE DRAWN FROM: 911

HAVE YOU REQUESTED A RESEARCH SCHOLAR POSITION BEFORE? Yes, IF SO, WHEN? We were provided one this summer, but not formally since 2008

IS THIS PROJECT ONGOING? (Y/N) NO

IF YES, REFER TO POSITION REQUEST FORM SUGGESTIONS FOR FURTHER INSTRUCTIONS.

**LVHN RESEARCH SCHOLAR POSITION DESCRIPTION**

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DESCRIBE THE POSITION, INCLUDING AT LEAST ONE RESEARCH PROJECT THE STUDENT WILL PARTICIPATE IN: **A retrospective quality study on the second stage of labor.**

DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT: **Potential to impact patient care and increase throughput on the labor and delivery in addition to providing exceptional care to both mother and newborn.**

LIST THE 3-5 MAIN GOALS TO BE INCLUDED IN THIS POSITION. GOALS SHOULD BE MEASURABLE, REALISTIC AND ATTAINABLE: **1. The research scholar will be able to identify the beginning of the second stage of labor.**  
**2. The research scholar will be able to identify the components necessary to make appropriate changes for delivery.**  
**3. The research scholar will actively participate in identifying labor progress for patients in the second stage of labor and was dystocia clearly identified by definition.**  
**4. The research scholar will be able to identify the use of pitocin.**

LIST THE EDUCATIONAL OPPORTUNITIES THAT MAKE THIS POSITION UNIQUE/APPEALING: **Groundbreaking potential research and review**

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

STATE THE MINIMUM LEVEL OF EDUCATION THE STUDENT MUST HAVE ATTAINED: **College 3 year.**

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

LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS: **Excel , statistical analysis**

DESCRIBE SCHEDULE STUDENT WOULD BE EXPECTED TO FOLLOW (APP. 30 HRS/WK):

**Ability to review FY10 data for outcomes. Flexibility to schedule**

**CONTACT NAME:**

**MENTOR NAME:** Bill Boyer, D.H.Sc., M.S.

**DEPARTMENT:** Division of Education

**CONTACT PHONE:** 610-402-2520

**SITE:** 1247 S. Cedar Crest Blvd., LVHN (Cedar Crest Site), and Family Practice Sites (at times)

**SESSION REQUESTED (FALL/SPRING/SUMMER):** SPRING

**YEAR REQUESTED:** 2011

**NUMBER OF STUDENTS REQUESTED (NOTE THAT YOUR DEPT IS REQUIRED TO CONTRIBUTE \$250/SPRING OR FALL STUDENT OR \$750/SUMMER STUDENT):** ONE

**EXACT EXPENSE CODE FUNDING TO BE DRAWN FROM:** 660

**HAVE YOU REQUESTED A RESEARCH SCHOLAR POSITION BEFORE? IF SO, WHEN? NO**

**IS THIS PROJECT ONGOING? (Y/N) YES**

**IF YES, REFER TO POSITION REQUEST FORM SUGGESTIONS FOR FURTHER INSTRUCTIONS.**

**LVHN RESEARCH SCHOLAR POSITION DESCRIPTION**

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**DESCRIBE THE POSITION, INCLUDING AT LEAST ONE RESEARCH PROJECT THE STUDENT WILL PARTICIPATE IN:**

Assist in measuring and evaluating outcomes for resident training and faculty development in family medicine residency services of Lehigh Valley Health Networks (LVHN). There are five primary care sites. The education will be performed through the use of George Units. George units are mobile videoconferencing and telecommunication systems. This will include literature search related to select best practice initiatives, data entry, PDCA cycles, data analysis and report writing for submission and/or publication.

**DESCRIBE THE STRATEGIC IMPACT OF THIS POSITION/PROJECT:**

Completion will help to position LVHN Family Medicine residency program and faculty to maximize learning experiences through the use of distance education devices that will increase efficiency and effectiveness of the residency educational process.

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

(1) Complete an outcomes-based evaluation project (i.e., best practice initiative). (2) Gain an understanding of strategies utilized to provide distance educational opportunities, assessments and evaluations within the LVHN Family Medicine residency (3) Gain understanding of action steps necessary to prepare for mandatory performance measures of residents and faculty as per the American College of Graduate Medical Education.

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

Gain knowledge and experience of quality improvement process in healthcare education at the graduate medical level and faculty development. (2) Participate in multidisciplinary,

interdepartmental teams with members representing quality, process improvement, informatics, and Division of Education.

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

(1) Exposure to strategies utilized by multidisciplinary team member to implement change. (2) Experience with tools for continuous improvement and effective planning (3) Exposure to use of mobile videoconferencing/telecommunications to deliver educational services (e.g. Direct Observation, feedback, etc.) to the Family Medicine residency program

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

Minimum two years undergraduate study

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

Students with an interest in healthcare including majors such as: Pre-Med, Biology, Health Sciences, Behavioral Sciences, and Biochemistry

**LIST ANY SPECIFIC/SPECIALIZED SKILLS THE STUDENT SHOULD POSSESS:**

Computer proficiency, strong writing skills, excellent communication and interpersonal skills, emotional intelligence, Excel, statistical analysis

**DESCRIBE SCHEDULE STUDENT WOULD BE EXPECTED TO FOLLOW (APP. 30 HRS/WK):**

Approximately 30 hrs/week, Monday through Friday, Flexible.