

PEDIATRICS

Reno

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Department(s): Pediatrics **PEDI**
Course Title Adolescent Medicine PEDI 661a
and Number: (Las Vegas) Section 002

Preceptor(s): Caroline Barangan, M.D.

Length: 4 weeks

Objectives/Goals:

To become familiar with health and behavioral issues of adolescents. To gain comfort with the adolescent interview and obtaining a thorough psychosocial history.

Description of Rotation:

The student will learn normal development, become familiar with current issues in adolescent health, and participate in the evaluation and treatment of patients. At the completion of the elective, the student will be able to obtain a complete history, including a psychosocial history, and conduct a thorough physical examination referable to adolescent patients.

Reference:

- Friedman, SB: Comprehensive Adolescent Healthcare, 2nd Ed.
- Philadelphia, Mosby, 1998
- Neinstein, L., Adolescent Health Care – A Practical Guide,
- Williams & Wilkins, 1996
- Coupey, S: Primary Care of Adolescent Girls, Philadelphia,
- Hanley & Belfus, 2000
- Articles Provided By Preceptor

Evaluation Method:

Standard pediatric clerkship evaluation form. Subjective.
Pre-test and post-test done.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Pediatrics **PEDI**
Course Title Behavioral & Developmental Pediatrics PEDI 661b
and Number: (Reno) Section 001

Preceptor(s): Lynn Kinman, M.D.

Length: 2 - 4 weeks

Objectives/Goals:

To gain an understanding of normal infant/toddler growth and development and to recognize the signs of delays and or abnormalities in progression.

Description of Rotation:

To participate in evaluations and interventions of birth to 3 year olds at risk for or with developmental delays. To better understand how development and growth patterns are affected in a variety of medical disorders including metabolic, genetic, pulmonary, musculoskeletal and endocrine diseases. Regular participation in subspecialty clinics and autism exam evaluations. Case study report optional.

Early Intervention Clinic, T - F, 9:00 - 4:00.

Reference:

Articles to be assigned by Dr. Kinman. All students should have read Chapter 2 - Developmental Pediatrics in Nelsons Text of Pediatrics prior to starting rotation.

Evaluation Method:

Standard pediatric clerkship evaluation form.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Pediatrics **PEDI**
Course Title Behavioral & Developmental Pediatrics PEDI 661b
and Number: (Las Vegas) Section 002

Preceptor(s): Johanna Fricke, MD

Length: 4 weeks

Objectives/Goals:

To gain an understanding of the techniques utilized in evaluation of behavioral/developmental disorders.

Description of Rotation:

The focus of the elective is to introduce the student to advanced interviewing techniques in the assessment of children and their families with a variety of behavioral and developmental disorders, as well as the use of "team" approach to the evaluations of complex diagnostic and behavioral disorders in children and adolescents. The physical and neurological examination, including age appropriate neurodevelopmental screening will be demonstrated as well as the management of chronic emotional, behavioral, and physical problems.

Reference:

Dixon, S. and Stein, M., Encounters with Children. Yearbook Medical.

Evaluation Method:

Standard pediatric clerkship evaluation form.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Pediatrics **PEDI**
Course Title Neonatal-Perinatal Medicine PEDI 661c
and Number: (Reno) Section 001

Preceptor(s): Marcia Pernoll, M.D.
Cheryl Robinson, M.D.

Length: 2 weeks – Offered only every 2 months;
Limited dates available

Description of Rotation:

The overall goal of this elective is to learn to recognize the fetus and newborn at risk for life threatening or handicapping conditions and to begin to acquire the knowledge and skills necessary to care for the perinatal patient under such circumstances. Students will be involved in obstetrical decision making regarding fetal and neonatal well-being, delivery room resuscitation, acute care emergencies, and ongoing care of the neonate with medical and surgical conditions. Due to the fragile nature of sick neonates, students will be unable to do procedures.

Reference:

Taeusch, H.W., Ballard, R.A., Avery, M.E. Schaffer and Avery's Diseases of the Newborn. W.B. Saunders Co.

Evaluation Method:

Standard pediatric clerkship evaluation form.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Pediatrics **PEDI**
Course Title Neonatal-Perinatal Medicine PEDI 661c
and Number: (Las Vegas) Section 002

Preceptor(s): Asgar Dudhbhai, M.D. and Associates

Length: 4 weeks

Objectives/Goals:

To gain an understanding of the normal physiology and the disorders that occur in the fetus and newborn.

Description of Rotation:

The overall goal of this elective is to learn to recognize the fetus and newborn at risk for life threatening or handicapping conditions and to begin to acquire the knowledge and skills necessary to care for the perinatal patient under such circumstances. Students will be involved in obstetrical decision making regarding fetal and neonatal well-being, delivery room resuscitation, acute care emergencies, and ongoing care of the neonate with medical and surgical conditions.

Reference:

Tausch, H.W., Ballard, R.A., Avery, M.E. Schaffer and Avery's Diseases of the Newborn. W.B. Saunders Co.

Evaluation Method:

Standard pediatric clerkship evaluation form.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Pediatrics **PEDI**
Course Title Pediatric Emergency Medicine PEDI 661d
and Number: (Las Vegas) Section 002

Preceptor(s): David Nelson, M.D. and Associates

Length: 4 weeks

Objectives/Goals:

To gain an understanding of the common acute clinical disorders presenting to the emergency room.

Description of Rotation:

Introduce medical students to clinical evaluation and management of acutely ill and injured children, in an emergency room setting. This experience will provide understanding and knowledge of common and uncommon emergent problems in children through patient contact and discussion of specified topics.

Reference:

Fleisher, G.R. and Ludwig, S. Textbook of Pediatric Emergency Medicine. Williams and Wilkins.

Evaluation Method:

Standard pediatric clerkship evaluation form.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Pediatrics **PEDI**
Course Title Pediatric Ophthalmology PEDI 661e
and Number: (Las Vegas) Section 002

Preceptor(s): Kathleen M. Mahon, M.D. and Associates
Marietta Nelson, M.D.

Length: 2 - 4 weeks

Objectives/Goals:

To gain an understanding of ocular anatomy, the use of standard ophthalmology equipment and the basics of eye care.

Description of Rotation:

The student will attend a number of general and subspecialty ophthalmology clinics/offices and be provided educational materials in order to become familiar with the management of the common disorders of the eye, including surgical care.

Reference:

Textbooks and educational materials provided by Dr. Mahon's office.

Evaluation Method:

Standard pediatric clerkship evaluation form utilizing the following criteria:

Honors - reading and demonstrating, via verbal communication, beyond the basic material provided;

Pass - demonstrating that the student has mastered the American Academy of Ophthalmology student reference readings;

Fail - not mastering the basic examination of the eye nor the reading materials.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Pediatrics **PEDI**
Course Title Clinical Allergy and Immunology PEDI 661f
and Number: (Reno) Section 001

Preceptor(s): Nevin Wilson, M.D.
Mary Beth Hogan, M.D.

Length: 2 to 4 weeks

Objectives/Goals:

To give student experience in evaluation and treatment of allergic, asthmatic, immunologic disease in an outpatient setting.

Description of Rotation:

Student to see patients under doctor's supervision in outpatient setting. Reading materials, taped lectures, and discussion of cases with the doctor will be the format of learning.

Reference:

AMA Allergy Primer
Current Views in Allergy and Immunology, Taped Lectures
Allergy Principles and Practice - Middleton

Evaluation Method:

Standard pediatric clerkship evaluation form.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Pediatrics **PEDI**
Course Title Clinical Allergy and Immunology PEDI 661f
and Number: (Las Vegas) Section 002

Preceptor(s): Sean McKnight, M.D.

Length: 4 weeks

Objectives/Goals:

To gain an understanding of basic immunology as it applies to children with the common allergic/immunologic disorders.

Description of Rotation:

Students participate in the evaluation and management of children and adults with a variety of allergic and immunological disorders. In addition to participating in the care of ambulatory patients, students may make ward and consultation rounds for hospitalized patients with allergic and immunological disorders.

Reference:

Leung, D.Y., Sampson, H.A., Heha, R.S., Szefer, S.J; Pediatric Allergy – Principles and Practice, 2003, Mosby
ACP Primer on Asthma and Allergies
MKSAP – Allergy & Immunology

Evaluation Method:

Standard pediatric clerkship evaluation form.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Pediatrics **PEDI**
Course Title Pediatric Cardiology PEDI 661g
and Number: (Reno) Section 001

Preceptor(s): Katrinka Kip, M.D.

Length: 4 to 8 weeks

Objectives/Goals:

Discuss essentials of Congenital Heart Defect and do clinically oriented cardiac assessments.

Description of Rotation:

Students will be participating in patient evaluation, i.e., history, physical, EKG, Echo, and treadmill.

Reference:

None

Evaluation Method:

Standard pediatric clerkship evaluation form.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Pediatrics **PEDI**
Course Title Pediatric Cardiology PEDI 661g
and Number: (Las Vegas) Section 002

Preceptor(s): Division of Pediatric Cardiology,
University of Nevada School of Medicine

Length: 4 weeks

Objectives/Goals:

The student will gain an understanding of the common signs and symptoms suggestive of a cardiovascular etiology through knowledge of the anatomy and physiology of the cardiovascular system as it relates to the subspecialty of pediatric cardiology.

Description of Rotation:

The rotation will be primarily office based with emphasis on evaluation and therapy of outpatients with known or suspected heart disease. The student will be encouraged to see new patients independently and then all cases will be presented to an attending physician who will review the student's findings and supervise treatment. A series of didactic lectures will be presented, focusing on issues relevant to recent clinical cases. The student will also occasionally participate in inpatient rounds and consultations. The student will be exposed to diagnostic and therapeutic techniques in the cardiac catheterization laboratory, the echocardiography suite, and if desired, the operating room.

Reference:

1. Course manual to be provided to student.
2. Moss and Adams Heart Disease in Infants, Children, and Adolescents, including the Fetus and Young Adult, sixth edition. Hugh D. Allen editor, Lippincott Williams and Wilkins, 2001.

Evaluation Method:

Based on subjective assessment by all attendings over the course of the rotation.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Pediatrics **PEDI**
Course Title Pediatric Neurology PEDI 661h
and Number: (Las Vegas) Section 002

Preceptor(s): Sri Halthore, M.D., and Associates

Length: 4 weeks

Objectives/Goals:

To gain an understanding of the common disorders observed and evaluated in a pediatric neurology practice including the use of diagnostic methods and therapeutic intervention.

Description of Rotation:

The fourth year student will participate in the evaluation and treatment of children with a variety of neurologic disorders, ranging from global development disabilities to specific neurologic defects. Regular participation in clinics and inpatient consultation will occur as well as assigned reading and discussion in pediatric neurology topics in order to gain an understanding of the common pediatric neurologic problems and issues.

Reference:

Finichel, G., Clinical Pediatric Neurology: Signs and Symptoms. 2005. Saunders.

Evaluation Method:

Based on subjective assessment of attendings over the course of the rotation.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Pediatrics **PEDI**
Course Title Pediatric Endocrinology PEDI 661j
and Number: (Reno) Section 001

Preceptor(s): Kathy Eckert, M.D.

Length: 2 - 4 weeks

Objectives/Goals:

To familiarize the student with normal and abnormal growth, pubertal disorders, adrenal disorders, hypothyroidism and hyperthyroidism, and general endocrine physiology.

Description of Rotation:

The rotation consists of endocrine and diabetes clinics in the outpatient clinic and at Special Children's Clinic. Additionally, some inpatient care will also occur. Students are expected to see patients individually and perform write-ups of the new patients. Ongoing teaching in the clinic will occur as patients are evaluated.

Reference:

Kaplan - Pediatric Endocrine and Endocrine Physiology (provided). A binder with key articles is also provided.

Evaluation Method:

Standard pediatric clerkship evaluation form.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Pediatrics **PEDI**
Course Title Pediatric Endocrinology PEDI 661j
and Number: (Las Vegas) Section 002

Preceptor(s): Alan Rice, M.D.

Length: 4 weeks

Objectives/Goals:

The student will become familiar with the tools and resources of the endocrinologist and gain an understanding of the pathophysiologic basis of endocrine disorders including diabetes, as well as to observe and commence the evaluation and management of children affected with these disorders.

Description of Rotation:

Students will participate in the care of patients with endocrine disorders including diabetes in both an inpatient and outpatient setting and become experienced in the evaluation and management of patients with type I and II diabetes mellitus, disorders of pubertal growth and development, thyroid and other endocrine disorders.

Reference:

Nelson's Textbook of Pediatrics. The Endocrine System.

Evaluation Method:

In addition to the standard considerations outlined on the clerkship evaluation form, the student will be expected to do an oral presentation of a pediatric endocrine topic.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Pediatrics **PEDI**
Course Title Pediatric Forensic Medicine PEDI 661k
and Number: (Reno) Section 001

Preceptor(s): Ellen G.I. Clark, M.D.

Length: 2 – 4 weeks

Objectives/Goals:

The student should acquire basic knowledge of the functions of the forensic pathologist by becoming familiar with definitions and terms, diagnostic process, consultative practice and daily procedures utilized in forensic medicine.

Description of Rotation:

In this course, the student will acquire an understanding of the role of forensic pathology in medicine, recognize characteristics and clinical findings in cases of physical child abuse, become familiar with the interface of medicine in the legal system in regards to child abuse investigation and prosecution. Student will attend forensic autopsies and/or clinical consultations, review case reports and literature on forensic medicine in child abuse diagnosis and attend pertinent court proceedings.

Reference:

Provided by Dr. Clark
Child Abuse Medical Diagnosis and Treatment, Robert M. Reece, Lee andFebiger (Pub.)
Forensic Pathology, DiMaio and DiMaio, Elsevier (Pub.)

Evaluation Method:

Standard pediatric clerkship evaluation form.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Pediatrics **PEDI**
Course Title Pediatric Forensic Medicine PEDI 661k
and Number: (Las Vegas) Section 002

Preceptor(s): Neha Mehta, M.D.

Length: 2 – 4 weeks

Objectives/Goals:

The student should acquire basic knowledge of the functions of the forensic pathologist by becoming familiar with definitions and terms, diagnostic process, consultative practice and daily procedures utilized in forensic medicine.

Description of Rotation:

In this course, the student will acquire an understanding of the role of forensic pathology in medicine, recognize characteristics and clinical findings in cases of physical child abuse, become familiar with the interface of medicine in the legal system in regards to child abuse investigation and prosecution.

Student will attend forensic autopsies and/or clinical consultations, review case reports and literature on forensic medicine in child abuse diagnosis and attend pertinent court proceedings.

Reference:

Provided by Dr. Mehta
Child Abuse Medical Diagnosis and Treatment, Robert M. Reece,
Lee and Febiger (Pub.)
Forensic Pathology, DiMaio and DiMaio, Elsevier (Pub.)

Evaluation Method:

Standard pediatric clerkship evaluation form.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Pediatrics **PEDI**
Course Title Pediatric Hematology/Oncology PEDI 661m
and Number: (Las Vegas) Section 002

Preceptor(s): Jack Lazerson, M.D. and Associates

Length: 4 weeks

Objectives/Goals:

The student will gain an understanding of basic hematopoiesis and cell growth as it applies to disorders of the hematopoietic system and oncologic disorders as well as to be able to evaluate a child for a hematopoietic or hemostatic defect.

Description of Rotation:

The student will evaluate patients in both an inpatient and outpatient setting as well as to view, within the laboratory, the technology of laboratory testing as it applies to hematology and hemastatic testing. Twice weekly, one hour lectures and discussion with the preceptor, will review a variety of basic hematologic topics.

Reference:

1. Nathan and Oski's "Hematology of Infancy and Childhood" textbook
2. Pizzo & Poplack's "Principles and Practice of Pediatric Oncology" textbook

Evaluation Method:

Standard pediatric clerkship evaluation form. Subjective.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Pediatrics **PEDI**
Course Title Pediatric Pulmonology PEDI 661n
and Number: (Reno) Section 001

Preceptor(s): Sonia Budhecha, M.D.

Length: 4 weeks

Objectives/Goals:

1. Understand how to examine and describe respiratory distress and common respiratory diseases in children.
2. Understand the management of common respiratory diseases in children.

Description of Rotation:

1. See and present history, physical exam, preliminary plan on outpatients with pulmonary disease two and a half days per week.
2. Rounds in hospital four days per week.
3. See new consults/admissions in hospital first, present to attending.
4. Present case presentation during last week of rotation. 5. One day per week reading day, see patients in hospital if applicable.

Reference:

1. Hillman, Pediatric Respiratory Disease
2. Articles will be given to student on first day of rotation.

Evaluation Method:

Standard pediatric clerkship evaluation form.

Grade:

Honors/High Pass//Pass/Marginal/Fail

Department(s): Pediatrics **PEDI**
Course Title Pediatric Pulmonary PEDI 661n
and Number: (Las Vegas) Section 002

Preceptor(s): Craig Nakamura, M.D.
David Parks, M.D.

Length: 4 weeks

Objectives/Goals:

The student will gain an understanding of the basic pathophysiology of common disorders of the pulmonary system and the evaluation and management of critical care pulmonary problems.

Description of Rotation:

The fourth-year student will assume increased responsibilities in terms of patient care and will act as an "intern" during this rotation. The student will directly admit all patients entering the service, evaluate all consultative patients, perform an initial assessment, develop a differential diagnosis and outline a diagnostic and therapeutic plan. Participation in noon conferences with expectations of presentation of a selected topic.

Reference:

Nelson's Textbook of Pediatrics. The Respiratory System.

Evaluation Method:

Standard pediatric clerkship evaluation form. Subjective.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Pediatrics **PEDI**
Course Title Child/Adolescent Sexual Abuse PEDI 661p
and Number: Program (Reno) Section 001

Preceptor(s): Kathleen M. Peele, R.N., C.P.N.P.

Length: 2 - 4 weeks

Objectives/Goals:

A rotation designed to provide a curriculum for gaining hands on experience in the medical evaluation of a child or adolescent who may be a victim of sexual abuse.

Description of Rotation:

Patients are scheduled and examined at Med School Associates North Clinic, 1500 E. 2nd Street. The students are expected to perform a general pediatric/adolescent examination and will assist in performing the more specific exam of the genital/anal area with the use of a colposcope. The student will review previous slides/video of cases and learn common variations of normal and abnormal and genital physical finding.

Reference:

Child Abuse Medical Diagnosis and Management, Robert M. Reece.
Color Atlas of Sexual Assault, Girardin, Frugro, Saneski, Slaughter, Whelan.
Guidelines for the Evaluation of Sexual Abuse of Children Subject Review,
American Academy of Pediatrics.

Evaluation Method:

Standard pediatric clerkship evaluation form.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Pediatrics **PEDI**
Course Title Child Abuse Pediatrics PEDI 661p
and Number: (Las Vegas) Section 002

Preceptor(s): Neha Mehta, M.D., Child Maltreatment Specialist

Length: 4 weeks

Location Sunrise Children's Hospital and
Community sites in Las Vegas, NV

Objectives/Goals:

To familiarize the medical student with various aspects of child abuse. The student will learn about the evaluation of child sexual abuse, child neglect, and child physical abuse, including shaken baby syndrome. The student will also learn about the interaction of the medical provider with the child protection system and the legal system. To provide the fourth year medical student with a stronger foundation in recognizing and reporting child abuse, allowing the student to approach and handle potential child abuse situations with greater skill and confidence. This goal will be reached by stressing the use of literature-based knowledge and critical thinking in case scenarios as well as actual patient cases.

Description of Rotation:

Depending on availability, in addition to the stated objectives and goals the course may consist of the following possible activities: 1) Observation of Child Sexual Abuse evaluations at Sunrise Hospital ED. 2) Participation during inpatient consultations to evaluate children for suspected physical abuse at Sunrise Children's Hospital.

3) Attendance at the monthly Child Fatality Review meeting at the Clark County Coroner's office. 4) Spend a shift (ride along) with a Child Protective Services worker. 5) Spend a shift (ride along) with a Police Investigator. 6) Observation of court testimony in a child abuse case. 7) Spend a day at SAINT clinic at Child Haven and observe assessment of child sexual abuse in a child advocacy center setting. 8) Attendance at lectures provided on child abuse topics. 9) Participation in Multidisciplinary Team meetings.

Reference:

Student will be provided with an educational binder containing relevant articles in the field of child abuse. During the rotation, the medical student will have access to textbooks and CD courses about the evaluation of physical and sexual abuse of children.

Evaluation Method:

Based on active participation, feedback from community sites, discussion of assigned reading materials, and oral quizzes. Standard pediatric elective evaluation form.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Pediatrics **PEDI**
Course Title Pediatric Outpatient Clinic PEDI 661q
and Number: (Reno) Section 001

Preceptor(s): Department Faculty

Length: 4 weeks

Objectives/Goals:

To provide the student with an opportunity to improve outpatient pediatric skills in the evaluation, examination, and management of pediatric patients.

Description of Rotation:

The student will participate in the outpatient evaluation and management of patients in an ambulatory setting. The student will be expected to do outpatient histories, physicals, differential diagnoses, diagnoses, and treatment of pediatric patients.

Reference:

Nelson's Textbook of Pediatrics

Evaluation Method:

Standard pediatric clerkship evaluation form.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Pediatrics **PEDI**
Course Title Pediatric Outpatient Clinic PEDI 661q
and Number: (Las Vegas) Section 002

Preceptor(s): Scott Denton, M.D. and Associates

Length: 4 weeks

Description of Rotation:

Students participate in evaluation and management of patients in an ambulatory setting. The student will obtain experience in the performance of history and physical examinations for a variety of disorders including pediatric specialty patients followed in a general pediatric setting.

Reference:

Ambulatory Pediatric Care by R. Dershewitz

Evaluation Method:

Standard pediatric clerkship evaluation form.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Pediatrics **PEDI**
Course Title Pediatric Urology PEDI 661r
and Number: (Las Vegas) Section 002

Preceptor(s): George Ganesan, M.D. and Associates

Length: 4 weeks

Description of Rotation:

The student will gain experience and understanding of urologic disorders in children, through evaluation of patients in both an inpatient and outpatient setting. Assigned reading, discussion of urologic issues and involvement in patient care will serve as the basis for this elective.

Reference:

Handbook of Pediatric Urology by L. Baskin, et al., Lippincott publishers.

Evaluation Method:

Standard pediatric clerkship evaluation form.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Pediatrics **PEDI**
Course Title Pediatric Orthopaedics PEDI 661s
and Number: (Las Vegas) Section 002

Preceptor(s): Jonathan F. Camp, M.D.
Mark A. Barry, M.D.

Length: 4 weeks

Objectives/Goals:

To gain an understanding of the common orthopedic disorders affecting children including the diagnostic methods utilized and treatment modalities.

Description of Rotation:

The fourth year student will participate in the evaluation and care of pediatric orthopaedic patients both in an outpatient and inpatient setting. A variety of common orthopaedic problems will be demonstrated and reviewed, including the recognition and management of fractures, dislocations, congenital and developmental musculo skeletal disorders, and scoliosis management. Emphasis on accurate diagnosis and proper use of x-rays will be demonstrated. Principles and techniques of casting and operative procedures will be incorporated into the learning experience.

Reference:

1. Nelson's Textbook of Pediatrics. Orthopedic Problems section.
2. Lovel and Winter. Pediatric Orthopedics.

Evaluation Method:

Based on subjective assessment of attendings over course of rotation.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Pediatrics **PEDI**
Course Title Organizational Aspects of Health Care PEDI 661t
and Number: Delivery (Las Vegas) Section 002

Preceptor(s): Jack Lazerson, M.D. and Associates

Length: 2 - 4 weeks, 8 weeks for students pursuing the
MBA degree

Objectives/Goals:

The student will gain an understanding of a vertically integrated health care delivery system, recognize the relative benefits and risks of various practice options and the challenges and opportunities of organizing health care delivery in a managed care setting.

Description of Rotation:

The student will interview and observe individuals involved in the health care delivery system. Appointments will be made with key administrative personnel at both a community hospital as well as with personnel involved in health care insurance programs and credentialing of physicians.

Reference:

AMA Medicare RBRVS: The Physician Guide
Agency for Health Care Policy Research website: <http://www.ahcpr.gov/>
Additional websites and text resources will be provided.

Evaluation Method:

Based on subjective assessment.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Pediatrics **PEDI**
Course Title Pediatric Gastroenterology/Nutrition PEDI 661u
and Number: (Las Vegas) Section 002

Preceptor(s): Howard Baron, M.D. and Associates
David Gremse, M.D.

Length: 4 weeks

Description of Rotation:

The student will gain an understanding of common pediatric gastroenterology/nutrition problems through patient contact, didactic presentations and readings. Knowledge will be useful to all involved in the care of children.

Reference:

Pediatric Gastrointestinal Disease by Walker, et al.

Evaluation Method:

Standard pediatric clerkship evaluation form.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Pediatrics **PEDI**
Course Title Pediatric Critical Care PEDI 661v
and Number: (Reno) Section 001

Preceptor(s): Eric Peters, M.D.

Length: 4 weeks

Description of Rotation:

This course will acquaint the student with pediatric intensive care patients, their diagnoses and management. The call schedule will be arranged with the individual student. Learning and performing procedures will depend on availability of patients, motivation of the student, and rapport with the attending staff. Attention will be given to computer-based literature searches and formulation of a case report for publication.

Reference:

None

Evaluation Method:

Standard pediatric clerkship evaluation form.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Pediatrics **PEDI**
Course Title Pediatric Critical Care PEDI 661v
and Number: (Las Vegas) Section 002

Preceptor(s): Meena Vohra, M.D. and Associates

Length: 4 weeks

Objectives/Goals:

To be able to recognize a seriously ill pediatric patient and begin treatment to stabilize their condition. Assessment and treatment of common pediatric problems seen in the PICU. To be able to present complex patients in a systematic organ system approach and recognize changes in a patient's condition.

Description of Rotation:

Students will be on call for admissions and consultations in the PICU. Students will be expected to make an initial assessment with a differential diagnosis and develop a diagnostic and therapeutic plan. Daily morning rounds at 9:00 A.M. Lectures will be provided by attendings on several topics during the rotation.

Reference:

Fuhrman's Pediatric Critical Care
Rogers Textbook of Pediatric Intensive Care

Evaluation Method:

The standard pediatric clerkship evaluation form will be utilized.

Grade:

Honors/High Pass/Pass/Marginal/Fail based on performance during the rotation.

Department(s): Pediatrics **PEDI**
Course Title Pediatric Nephrology PEDI 661w
and Number: (Las Vegas) Section 002

Preceptor(s): Michael Aigbe, M.D.

Length: 4 weeks

Objectives/Goals:

To gain an understanding of the common disorders referred for pediatric nephrology evaluation, including the laboratory methods utilized in diagnosis and management.

Description of Rotation:

The student will be expected to perform an initial evaluation of patients, both in an in-patient and out-patient setting. Discussion of the common disorder with the attending physician will include the generic approach to evaluation of patients with hematuria, proteinuria, acute and chronic renal failures and urinary tract infections.

Reference:

F. Llach, Clinical Nephrology. Little Brown Publishing.

Evaluation Method:

Subjective based on assessment.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Pediatrics **PEDI**
Course Title Pediatric Radiology PEDI 661y
and Number: (Las Vegas) Section 002

Preceptor(s): Mary Jane MaGruder, M.D.

Length: 3 - 4 weeks

Objectives/Goals:

To participate in the process of reviewing radiologic procedures referable to pediatric patients.

Description of Rotation:

The student will be given assigned reading in order to discuss the common radiological abnormalities observed in relation to the clinical problems.

Reference:

Caffey's Pediatric X-Ray Diagnosis. Silverman/Kuber. Mosby Publishing.

Evaluation Method:

Subjective utilizing the standard evaluation form

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Pediatrics **PEDI**
Course Title Pediatric Genetics PEDI 661z
and Number: (Las Vegas) Section 002

Preceptor(s): Colleen A. Morris, M.D. and Associates

Length: 4 weeks

Objectives/Goals:

To gain an understanding of the genetic basics for clinical disorders and be able to recognize the common genetic clinical disorders/syndromes.

Description of Rotation:

The student will participate in the evaluation of children requiring genetics expertise in an outpatient setting. Assigned reading and discussion of the fundamentals of genetics disorders and their management, will be reviewed in relationship to patients evaluated.

Reference:

1. Morris CA: Williams Syndrome. S.B. Cassidy and J.E. Allanson (Eds.). Management of genetic syndromes. New York, NY, John Wiley and Sons, January 2001.
2. Jones KY: Smith's Recognizable Patterns of Human Malformation, ed 5. Philadelphia, PA, W.B. Saunders Co., 1997.

Evaluation Method:

Oral exam, clinical performance and student case presentation of a patient seen in genetics clinic at genetics rounds.

Grade:

Honors/High Pass/Pass/Marginal/Fail

To obtain an Honors grade, the student must write an original research article or case report for publication.

Department(s): Pediatrics **PEDI**
Course Title Pediatric Inpatient PEDI 662a
and Number: (Las Vegas) Section 002

Preceptor(s): Cynthia Seitz, M.D.
Kira Molas-Torreblanca, D.O.

Length: 4 weeks

Objectives/Goals:

To gain exposure in the inpatient management of acutely ill patients with refining of history, physical examination and oral presentation skills.

Description of Rotation:

The student will evaluate newly admitted patients, performing the initial history and physical examination, developing a differential diagnosis, evaluation and management plan and appropriately recording the information. Daily notes will be reviewed with the resident and attending and oral presentation performed. Required reading and literature searches and reviews are expected.

Reference:

Nelson's Textbook of Pediatrics

Evaluation Method:

Subjective, using the standard evaluation plan.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Pediatrics **PEDI**
Course Title Pediatric HIV and Immunodeficiency PEDI 662b
and Number: (Las Vegas) Section 002

Preceptor(s): Echezona Ezeanolue, M.D., MPH

Length: 4 weeks

Objectives/Goals:

To gain an understanding of the principles of infectious disease processes and the management of common childhood infectious diseases.

Description of Rotation:

The student will participate in the care of patients with infectious disease problems in both an outpatient and inpatient environment. The student will obtain experience in evaluating and managing patients with common pediatric infectious problems. Formal reading assignments will be required as well as attendance at selected lectures and seminars. Students will also gain experience in management of infants born to mothers with HIV infection as well as management of HIV infected children. An opportunity exists for students interested in scholarly activities to develop an independent activity supervised by the faculty. The student will be expected to present a PowerPoint presentation of an interesting disease seen by student during rotation.

Reference:

1. Krugman's Infectious Diseases of Children. Katz, Gershon, Horz. Mosby Publishing.
2. Red Book. Report of the Committee on Infectious Diseases. American Academy of Pediatrics.

Evaluation Method:

Standard evaluation form.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Pediatrics **PEDI**
Course Title Pediatric Infectious Disease PEDI 662c
and Number: (Las Vegas) Section 002

Preceptor(s): Pisespong Patamasucon, MD and Associates

Length: 4 weeks

Objectives/Goals:

To gain an understanding of the principles of infectious disease processes and their treatment as it applies to infants and children.

Description of Rotation:

The student will participate in the care of patients with infectious disease problems in both an outpatient and inpatient environment. The student will obtain experience in evaluating and managing patients with common pediatric infectious problems. Formal reading assignments will be required as well as attendance at selected lectures and seminars.

Reference:

1. Krugman's Infectious Diseases of Children. Katz, Gershon, Horz. Mosby Publishing.
2. Red Book. Report of the Committee on Infectious Diseases. American Academy of Pediatrics.

Evaluation Method:

Subjective, using the standard evaluation form. Oral presentation required.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Pediatrics/Internal Medicine **PEDI/IMED**
Course Title HIV/AIDS Clinical Medicine PEDI 662f
and Number: (Reno) Section 001

Preceptor(s): Trudy Larsen, M.D. (contact tlarsen@medicine.nevada.edu)
Charles Krasner, M.D.
Sujatha Patani, M.D.
Steven Zell, M.D.

Length: 2 - 4 weeks

Objectives/Goals:

5. To gain an understanding of the natural history of HIV infections and its evaluation and treatment
6. To define the different clinical presentations of initial and chronic, treated and untreated HIV infections in all age groups
7. To learn about the multidisciplinary team approach to HIV patient care
8. To participate in a broad range of clinical, counseling, and case management activities

Description of Rotation:

Students will be working in the Northern Nevada HOPES clinic daily and actively seeing patients with preceptors. Both formal and informal discussions will be conducted by preceptors covering the range of HIV/AIDS clinical issues. Students will attend staff meetings to discuss patients and will work with case managers to understand HIV coordinated care. A pharmacist with expertise in HIV medications is onsite for consultation. There may be opportunity to round on HIV/AIDS patients admitted to the hospital. Students will be expected to work up and present patients in the clinic and do at least one presentation on a mutually selected topic for the clinic staff.

Reference:

3. CDC's Guidelines for HIV/AIDS care for Adults and Adolescents, for Children, and for Perinatal Transmission.
4. Other materials are readily available at the clinic for student use

Evaluation Method:

Attendance and participation on a daily basis, patient presentations (complete and/or focused), topic presentation and input from clinic staff and preceptors.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Pediatrics **PEDI**
Course Title Individual Study or Research in PEDI 690
and Number: Pediatrics (Reno) Section 001

Preceptor(s): Department Faculty

Length: 4 or 8 weeks

Objectives/Goals:

To provide the student an opportunity to do an in-depth study or research project involving issues in pediatrics.

Description of Rotation:

Students develops his/her own research program with the assistance of a faculty member in the Department of Pediatrics. The student can elect to do an in-depth review of one specific topic, develop a chart audit regarding a specific pediatric problem, or become involved in clinical research with one or more members of the Department of Pediatrics or faculty members of the School of Medicine.

Reference:

None

Evaluation Method:

Standard pediatric clerkship evaluation form.

Grade:

Honors/High Pass/Pass/Marginal/Fail

Department(s): Pediatrics **PEDI**
Course Title Individual Study or Research in PEDI 690
and Number: Pediatrics (Las Vegas) Section 002

Preceptor(s): Jack Lazerson, M.D. and Associates

Length: 4 or 8 weeks

Description of Rotation:

Students develop their own study and research program with the assistance of a faculty member in the Department of Pediatrics. Students can elect to do an in-depth review of one specific topic, develop a chart audit regarding a specific pediatric problem, or become involved in clinical research with one or other members of the Department of Pediatrics or faculty members of the School of Medicine.

Reference:

None

Evaluation Method:

Evaluation will be dependent on the final product developed by the student during the elective.

Grade:

Honors/High Pass/Pass/Marginal/Fail