

**PEDS 821****Pediatric Emergency Medicine  
Externship**Course Director(s):

Benjamin Jackson, MD

Course Coordinator(s):

Christine Talbot-Bond

792-8362

talbotbo@musc.edu

Student  
Limit

<b>Blk 1</b>	<input checked="" type="checkbox"/>	July 2 - July 27	<b>Blk 3</b>	<input checked="" type="checkbox"/>	Aug 27 - Sept 21	<b>Blk 5A</b>	<input type="checkbox"/>	Oct 22 - Nov 2	<b>Blk 7B</b>	<input type="checkbox"/>	Jan 14 - Jan 25	<b>Blk 10</b>	<input checked="" type="checkbox"/>	Mar 25 - Apr 19
<b>Blk 1A</b>	<input type="checkbox"/>	July 2 - July 13	<b>Blk 3A</b>	<input type="checkbox"/>	Aug 27 - Sept 7	<b>Blk 5B</b>	<input type="checkbox"/>	Nov 5 - Nov 16	<b>Blk 8</b>	<input checked="" type="checkbox"/>	Jan 28 - Feb 22	<b>Blk 10A</b>	<input type="checkbox"/>	Mar 25 - Apr 5
<b>Blk 1B</b>	<input type="checkbox"/>	July 16 - July 27	<b>Blk 3B</b>	<input type="checkbox"/>	Sept 10 - Sept 21	<b>Blk 6</b>	<input checked="" type="checkbox"/>	Nov 19 - Dec 14	<b>Blk 8A</b>	<input type="checkbox"/>	Jan 28 - Feb 8	<b>Blk 10B</b>	<input type="checkbox"/>	Apr 8 - Apr 19
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			<b>Blk 5</b>	<input checked="" type="checkbox"/>	Oct 22 - Nov 16	<b>Blk 7A</b>	<input type="checkbox"/>	Jan 2 - Jan 11	<b>Blk 9B</b>	<input type="checkbox"/>	Mar 11 - Mar 22			

**COMMENTS:****COURSE DESCRIPTION:**

Student will function in role of intern, taking history and performing physicals on patients and performing minor procedures. Students will develop assessments and will learn to manage acute pediatric problems, to recognize a sick child and initiate diagnostic and therapy, to manage minor trauma and have an understanding of major trauma in the pediatric patient. Students will have opportunities to develop communication skills in this acute setting with patients/parents and the patient care team.

**LEARNING GOALS & OBJECTIVES: (At the completion of this clinical rotation, students should be able to:)**

1. Learn to recognize a sick child and initiate diagnostics and therapy (Practice-based Learning)
2. Learn to manage minor trauma and have an understanding of major trauma in the pediatric patient (Practice-based Learning)
3. Develop the skill of independently collecting focused, developmentally appropriate patient histories and develop the skill of performing focused, developmentally appropriate physical exams (Practice-based Learning)
4. Recognize patients needing immediate attention by the supervising physician (Practice-based Learning)
5. Practice deciding which patients can be discharged home and which need admission (and to which unit) (Practice-based Learning)
6. Participate in arranging follow-up care with primary care physicians and other providers (Systems-based Practice)
7. Learn to manage time effectively in completing patient care tasks (Patient Care; Practice-based Learning)
8. Practice adhering to institutional guidelines, including those regarding attire, language, documentation, and confidentiality (Professionalism)
9. Briefly "round on" and report back to the PED providers about patients admitted in the previous 24 hours (Practice-based Learning)

**INSTRUCTIONAL METHODOLOGIES & ROTATION ACTIVITIES:**

*(Students on this rotation will be expected to learn and achieve the educational goals and objectives through the following methodologies and activities:)*

1. Lectures
2. Patient contact
3. 10-minute presentation at Pediatric Emergency Fellows conference
4. Reading 10 articles and completing questions

**PATIENT ENCOUNTERS: (Students will be expected to work-up patients with these specified conditions:)**

1. Trauma
2. Infection
3. Dehydration/shock
4. Chronic diseases with acute issues

**EVALUATION / FEEDBACK METHODS:**

1. Clinical Evaluation Form (Medical Knowledge; Patient Care; Professionalism; Interpersonal/Communication Skills; Practice-based Learning; Systems-based Learning)
2. Direct observation and in-person feedback by attending physicians and residents (Medical Knowledge; Patient Care; Professionalism; Interpersonal/Communication Skills; Practice-based Learning; Systems-based Learning)

**CALL:**

Will students be expected to participate in call? NO

If yes, please describe the call schedule/frequency:

Students will follow the shift schedule in the ED, working 12 self-selected shifts, including 1 Saturday and 1 Sunday

<b>PEDS 840</b>	<b>Developmental Pediatrics</b>	<b>Course Director(s):</b>		<b>Course Coordinator(s):</b>	
		Angela LaRosa, MD		Christine Talbot-Bond	
<b>Student Limit</b>		Jennifer Poon, MD		792-8362	
				talbotbo@musc.edu	

  

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**COMMENTS:**

**COURSE DESCRIPTION:**

The student will attend outpatient developmental clinics and perform supervised developmental assessments/evaluations for the spectrum of developmental and behavioral problems (ADHD, disruptive behavior disorders, learning disabilities, autism, developmental delay, intellectual disabilities, spina bifida, and neonatal high risk infant follow-up).

**LEARNING GOALS & OBJECTIVES: (At the completion of this clinical rotation, students should be able to:)**

1. Learn and implement the basics of developmental and behavioral screening and assessment of children ages 0-3, preschool, and school age (Patient Care, Medical Knowledge)
2. Acquire knowledge of typical versus atypical development (Medical Knowledge)
3. Acquire knowledge of typical versus atypical child behavior (Medical Knowledge)
4. Become familiar with and participate in the multidisciplinary approach to developmental disabilities (Medical Knowledge, Patient Care, Professionalism)
5. Gain understanding of and experience with public laws, advocacy, and case management as they pertain to developmental and behavioral disorders (Systems-based Practice)
6. Gain understanding of psychopharmacology of developmental and behavioral problems (ADHD, autism, behavior disorders, etc.) (Medical Knowledge)
7. Demonstrate a humanistic, family-centered approach when working with patients and families of various socioeconomic and cultural backgrounds (Professionalism)

**INSTRUCTIONAL METHODOLOGIES & ROTATION ACTIVITIES:**

*(Students on this rotation will be expected to learn and achieve the educational goals and objectives through the following methodologies and activities:)*

1. Lectures
2. Rounds/discussions
3. Patient contact

**PATIENT ENCOUNTERS: (Students will be expected to work-up patients with these specified conditions:)**

1. ADHD
2. Disruptive behavior disorders
3. Learning disabilities
4. Autism
5. Developmental delay
6. Intellectual disabilities
7. Spina bifida
8. Neonatal high-risk infant follow-up

**EVALUATION / FEEDBACK METHODS:**

1. Clinical Evaluation Form (Medical Knowledge; Patient Care; Professionalism; Interpersonal/Communication Skills; Practice-based Learning; Systems-based Learning)
2. Direct observation and in-person feedback by attending physicians and residents (Medical Knowledge; Patient Care; Professionalism; Interpersonal/Communication Skills; Practice-based Learning; Systems-based Learning)

**CALL:**

Will students be expected to participate in call? NO

If yes, please describe the call schedule/frequency:

<b>PEDS 841</b>	<b>Human Milk &amp; Lactation</b>	<b>Course Director(s):</b>		<b>Course Coordinator(s):</b>	
		Carol Wagner, MD		Christine Talbot-Bond	
<b>Student Limit</b>				792-8362	
				talbotbo@musc.edu	

  

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**COMMENTS:**

Preauthorization required. Contact Dr. Carol Wagner (792-2401) and Christine Talbot-Bond (792-8362).  
 Course location: MUSC and East Cooper Regional Medical Center

**COURSE DESCRIPTION:**

Physiology of lactation will be discussed in the context of mother/infant dyad, maternal and infant health condition. The mechanics of breast-feeding will be understood through didactic and bedside teaching and interaction with Drs. Wagner, McPherson, and Lee and certified lactation consultant Diana Roberts, R.N., IBCLC. The structure and bioactive/protective effect of human milk will be discussed in terms of epidemiological studies. Lastly, the students will spend one afternoon in the lab processing a milk sample, staining the cells and looking at the human milk sample under the microscope.

**LEARNING GOALS & OBJECTIVES: (At the completion of this clinical rotation, students should be able to:)**

1. Understand the physiology of lactation (Medical Knowledge)
2. Understand the mechanics of breast-feeding and how to problem-solve through didactic and bedside teaching and observation (Medical Knowledge, Practice-based Learning, Patient Care)
3. Understand the health implications of human milk feedings in terms of short- and long-term health benefits (Medical Knowledge)
4. Develop skills in counseling the breast-feeding mother in a variety of clinical settings (Practice-based Learning, Patient Care)

**INSTRUCTIONAL METHODOLOGIES & ROTATION ACTIVITIES:**

*(Students on this rotation will be expected to learn and achieve the educational goals and objectives through the following methodologies and activities:)*

1. Lectures
2. Rounds/discussions
3. Patient contact
4. Lab

**PATIENT ENCOUNTERS: (Students will be expected to work-up patients with these specified conditions:)**

1. Mother/baby dyad

**EVALUATION / FEEDBACK METHODS:**

1. Clinical Evaluation Form (Medical Knowledge; Patient Care; Professionalism; Interpersonal/Communication Skills; Practice-based Learning; Systems-based Learning)
2. Direct observation and in-person feedback by attending physicians and residents (Medical Knowledge; Patient Care; Professionalism; Interpersonal/Communication Skills; Practice-based Learning; Systems-based Learning)

**CALL:**

Will students be expected to participate in call? NO

If yes, please describe the call schedule/frequency:

<b>PEDS 852</b>	<b>Pediatric Nephrology</b>	<u>Course Director(s):</u> John Orak, MD	<u>Course Coordinator(s):</u> Christine Talbot-Bond	
			792-8362	
<u>Student Limit</u>			talbotbo@musc.edu	

  

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**COMMENTS:**

**COURSE DESCRIPTION:**

Rotation will include Pediatric Nephrology outpatient clinic and inpatient consultations. Students will participate in the evaluation of pediatric patients with such issues as hematuria, proteinuria, and glomerular diseases (filtration). Other conditions that students will see include hypertension, recurrent UTI, and nephrolithiasis.

**LEARNING GOALS & OBJECTIVES: (At the completion of this clinical rotation, students should be able to:)**

1. Learn about presenting signs of common pediatric nephrology (Medical Knowledge)
2. Learn about the management of common pediatric nephrology problems (Medical Knowledge)
3. Become familiar with issues particular to pediatric fluids and electrolytes, pediatric dialysis, and renal transplantation (Medical Knowledge)
4. Gain appreciation for the spectrum of pediatric renal diseases by participating in the care of patients in the outpatient setting, the hospital wards and intensive care units, and in the dialysis unit. Students will also participate in the care of patients being evaluated for or being cared for after renal transplantation (Patient Care, Practice-based Learning)
5. Gain appreciation for how a subspecialist communicates with primary care providers, hospitalists, intensivists, surgical services, and emergency department physicians, and gain an appreciation for the role of other professionals (e.g., nursing staff) in the care of children with complex renal disease (Systems-based Practice)
6. Develop skills in communicating effectively with patients and families across a broad range of socioeconomic and cultural backgrounds (Interpersonal and Communication Skills)

**INSTRUCTIONAL METHODOLOGIES & ROTATION ACTIVITIES:**

*(Students on this rotation will be expected to learn and achieve the educational goals and objectives through the following methodologies and activities:)*

1. Lectures
2. Rounds/discussions
3. Patient contact

**PATIENT ENCOUNTERS: (Students will be expected to work-up patients with these specified conditions:)**

1. Hematuria
2. Proteinuria
3. Glomerular diseases
4. Hypertension
5. Recurrent UTI
6. Nephrolithiasis

**EVALUATION / FEEDBACK METHODS:**

1. Clinical Evaluation Form (Medical Knowledge; Patient Care; Professionalism; Interpersonal/Communication Skills; Practice-based Learning; Systems-based Learning)
2. Direct observation and in-person feedback by attending physicians and residents (Medical Knowledge; Patient Care; Professionalism; Interpersonal/Communication Skills; Practice-based Learning; Systems-based Learning)

**CALL:**

Will students be expected to participate in call? NO  
 If yes, please describe the call schedule/frequency:

**PEDS 855**

**Genomics in Medical Practice**

Course Director(s):

G.S. Pai, MD

Course Coordinator(s):

Christine Talbot-Bond

792-8362

talbotbo@musc.edu

Student Limit

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**COMMENTS:**

**COURSE DESCRIPTION:**

Students will learn the impact of Genomics in medical practice now and in the future. Students will work closely with the geneticist to evaluate, diagnose and counsel patients with genetic diseases. Students will also be guided in their learning through computer based sources of genetic information.

**LEARNING GOALS & OBJECTIVES: (At the completion of this clinical rotation, students should be able to:)**

1. Access and analyze information from computer/internet-based sources of genetic information (Practice-based Learning; Medical Knowledge)
2. Perform simple pedigree analysis and apply it to medical practice (Practice-based Learning; Medical Knowledge; Patient Care)
3. Appreciate the social/legal/ethical implications of predictive testing using genetic markers (Practice-based Learning; Medical Knowledge; Systems-based Practice; Professionalism)
4. Appreciate the advantages and limitations of gene-based testing (Practice-based Learning; Medical Knowledge)

**INSTRUCTIONAL METHODOLOGIES & ROTATION ACTIVITIES:**

*(Students on this rotation will be expected to learn and achieve the educational goals and objectives through the following methodologies and activities:)*

1. Patient contact
2. Rounds/discussions
3. Self-directed learning

**PATIENT ENCOUNTERS: (Students will be expected to work-up patients with these specified conditions:)**

1. Rare and common genetic diseases

**EVALUATION / FEEDBACK METHODS:**

1. Clinical Evaluation Form (Medical Knowledge; Patient Care; Professionalism; Interpersonal/Communication Skills; Practice-based Learning; Systems-based Learning)
2. Direct observation and in-person feedback by attending physicians and residents (Medical Knowledge; Patient Care; Professionalism; Interpersonal/Communication Skills; Practice-based Learning; Systems-based Learning)

**CALL:**

Will students be expected to participate in call? NO

If yes, please describe the call schedule/frequency:

**PEDS 856****Pediatric Pulmonology****Course Director(s):**

C. Michael Bowman, MD

Isabel Virella-Lowell, MD

**Course Coordinator(s):**

Christine Talbot-Bond

792-8362

talbotbo@musc.edu

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<b>Blk 2</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	July 30 - Aug 24	<b>Blk 4</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Sept 24 - Oct 19	<b>Blk 6A</b>	<input type="checkbox"/>	<input type="checkbox"/>	Nov 19 - Nov 30	<b>Blk 8B</b>	<input type="checkbox"/>	<input type="checkbox"/>	Feb 11 - Feb 22	<b>Blk 11</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Apr 22 - May 17
<b>Blk 2A</b>	<input type="checkbox"/>	<input type="checkbox"/>	July 30 - Aug 10	<b>Blk 4A</b>	<input type="checkbox"/>	<input type="checkbox"/>	Sept 24 - Oct 5	<b>Blk 6B</b>	<input type="checkbox"/>	<input type="checkbox"/>	Dec 3 - Dec 14	<b>Blk 9</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Feb 25 - Mar 22	<b>Blk 11A</b>	<input type="checkbox"/>	<input type="checkbox"/>	Apr 22 - May 3
<b>Blk 2B</b>	<input type="checkbox"/>	<input type="checkbox"/>	Aug 13 - Aug 24	<b>Blk 4B</b>	<input type="checkbox"/>	<input type="checkbox"/>	Oct 8 - Oct 19	<b>Blk 7</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Jan 2 - Jan 25	<b>Blk 9A</b>	<input type="checkbox"/>	<input type="checkbox"/>	Feb 25 - Mar 8	<b>Blk 11B</b>	<input type="checkbox"/>	<input type="checkbox"/>	May 6 - May 17
				<b>Blk 5</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Oct 22 - Nov 16	<b>Blk 7A</b>	<input type="checkbox"/>	<input type="checkbox"/>	Jan 2 - Jan 11	<b>Blk 9B</b>	<input type="checkbox"/>	<input type="checkbox"/>	Mar 11 - Mar 22				

**COMMENTS:****COURSE DESCRIPTION:**

This experience is primarily an outpatient experience for the intermediate and advanced understanding of children's lung diseases at the level of the general pediatrician. The student will accompany the pulmonary attending on all teaching and clinical activities (excepting night and weekend call). They will attend 5 half-day clinics each week and see all inpatients the pulmonary team is following (both primary patients and new consults). The range of illnesses includes all types of children's lung diseases, including cystic fibrosis, asthma, apnea, respiratory failure, obstructive sleep apnea, BPD, pneumonia, chronic cough, airway and lung abnormalities, bronchiolitis, chronic aspiration, interstitial lung disease and lung infections in immunocompromised patients.

**LEARNING GOALS & OBJECTIVES: (At the completion of this clinical rotation, students should be able to:)**

1. Recognize and understand pulmonary problems of major concern to a general pediatrician or family medicine practitioner (???)
2. Recognize signs and symptoms of respiratory illness in children and perform an appropriate physical examination (Medical Knowledge; Practice-based Learning)
3. Understand the appropriate diagnostic evaluation of children with respiratory problems, particularly pulmonary function testing and radiology (Medical Knowledge; Practice-based Learning)
4. Communicate effectively with families to elicit a complete history, explain the team's assessment and answer questions (Patient Care; Interpersonal/Communication Skills)
5. Understand the various therapies used for common pulmonary problems in children, particularly asthma and CF, including how to use the various inhalation devices and how families may be misusing them (Medical Knowledge)
6. become proficient at accurately recording outpatient encounters in the electronic medical record (Professionalism; Interpersonal/Communication Skills; Practice-based Learning)
7. Describe the epidemiology, pathophysiology, and clinical findings of pediatric respiratory conditions that require hospitalization and pediatric pulmonary consultation (Medical Knowledge)
8. Understand how pulmonary function testing is performed in children, its information and limitations, and how to explain the results to a family and understand how such testing can help a primary care practitioner (Medical Knowledge; Practice-based Learning)
9. understand the important roles of non-physician members of the pulmonology team in providing care to complex patients with chronic pulmonary problems, including PNP, RT, MSW, RD, clinic coordinator, speech pathologist, PharmD, etc. (Interpersonal/Communication Skills; Practice-based Learning)

**INSTRUCTIONAL METHODOLOGIES & ROTATION ACTIVITIES:**

*(Students on this rotation will be expected to learn and achieve the educational goals and objectives through the following methodologies and activities:)*

1. Patient contact
2. Rounds/discussions
3. Observation
4. Self-directed reading and independent study
5. Lectures

**PATIENT ENCOUNTERS: (Students will be expected to work-up patients with these specified conditions:)**

1. Cystic fibrosis
2. Asthma
3. Apnea
4. Respiratory failure
5. Obstructive sleep apnea
6. BPD
7. Pneumonia
8. Chronic cough
9. Airway and lung abnormalities
10. Bronchiolitis
11. Chronic aspiration

**EVALUATION / FEEDBACK METHODS:**

1. Clinical Evaluation Form (Medical Knowledge; Patient Care; Professionalism; Interpersonal/Communication Skills; Practice-based Learning; Systems-based Learning)
2. Direct observation and in-person feedback by attending physicians and residents (Medical Knowledge; Patient Care; Professionalism; Interpersonal/Communication Skills; Practice-based Learning; Systems-based Learning)

**CALL:**

Will students be expected to participate in call? NO

If yes, please describe the call schedule/frequency:

**PEDS 862**

**Level II Neonatal Externship**

Course Director(s):

John Cahill, MD

Course Coordinator(s):

Christine Talbot-Bond

792-8362

talbotbo@musc.edu

Student Limit

<b>Blk 1</b>	<input checked="" type="checkbox"/> 1	<input type="checkbox"/>	July 2 - July 27	<b>Blk 3</b>	<input checked="" type="checkbox"/> 1	<input type="checkbox"/>	Aug 27 - Sept 21	<b>Blk 5A</b>	<input type="checkbox"/>	<input type="checkbox"/>	Oct 22 - Nov 2	<b>Blk 7B</b>	<input type="checkbox"/>	<input type="checkbox"/>	Jan 14 - Jan 25	<b>Blk 10</b>	<input checked="" type="checkbox"/> 1	<input type="checkbox"/>	Mar 25 - Apr 19
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<b>Blk 2</b>	<input checked="" type="checkbox"/> 1	<input type="checkbox"/>	July 30 - Aug 24	<b>Blk 4</b>	<input checked="" type="checkbox"/> 1	<input type="checkbox"/>	Sept 24 - Oct 19	<b>Blk 6A</b>	<input type="checkbox"/>	<input type="checkbox"/>	Nov 19 - Nov 30	<b>Blk 8B</b>	<input type="checkbox"/>	<input type="checkbox"/>	Feb 11 - Feb 22	<b>Blk 11</b>	<input checked="" type="checkbox"/> 1	<input type="checkbox"/>	Apr 22 - May 17
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<b>Blk 2B</b>	<input type="checkbox"/>	<input type="checkbox"/>	Aug 13 - Aug 24	<b>Blk 4B</b>	<input type="checkbox"/>	<input type="checkbox"/>	Oct 8 - Oct 19	<b>Blk 7</b>	<input checked="" type="checkbox"/> 1	<input type="checkbox"/>	Jan 2 - Jan 25	<b>Blk 9A</b>	<input type="checkbox"/>	<input type="checkbox"/>	Feb 25 - Mar 8	<b>Blk 11B</b>	<input type="checkbox"/>	<input type="checkbox"/>	May 6 - May 17
				<b>Blk 5</b>	<input checked="" type="checkbox"/> 1	<input type="checkbox"/>	Oct 22 - Nov 16	<b>Blk 7A</b>	<input type="checkbox"/>	<input type="checkbox"/>	Jan 2 - Jan 11	<b>Blk 9B</b>	<input type="checkbox"/>	<input type="checkbox"/>	Mar 11 - Mar 22				

**COMMENTS:**

**COURSE DESCRIPTION:**

Student will act as an intern and round daily with patient care team including the neonatology attending on term and pre-term infants requiring Level II care. Student will participate in high-risk deliveries and infants born by caesarian section. Students will have opportunities develop skills in communicating with patient care team and families.

**LEARNING GOALS & OBJECTIVES: (At the completion of this clinical rotation, students should be able to:)**

1. Develop skills in assessment and management of Level II neonates (Practice-based Learning)
2. Participate in neonatal resuscitation and stabilization (Medical Knowledge)
3. Review pathophysiology of newborn diseases (Medical Knowledge)
4. Participate in common procedures: umbilical vein catheterization, intubation, lumbar puncture (Patient Care)
5. Develop skills in identifying pertinent clinical information necessary for patient care hand-offs (Patient Care)
6. Learn to manage time effectively in order to deliver high-quality patient care (Patient Care)
7. Develop an appreciation for infection control measures in the neonatal unit (Patient Care)
8. develop skills in communicating effectively with patients and families across a broad range of socioeconomic and cultural backgrounds (Interpersonal/Communication Skills)
9. Develop skills in developing organized, appropriately focused, and accurate patient notes, including admission, progress, transfer, and discharge summaries (Interpersonal/Communications Skills)
10. (Optional) learn circumcision by involvement with OB service (Patient Care)
11. Discuss utilization of community resources and agencies to assure safe transition to post-hospitalization (System-based Care)

**INSTRUCTIONAL METHODOLOGIES & ROTATION ACTIVITIES:**

*(Students on this rotation will be expected to learn and achieve the educational goals and objectives through the following methodologies and activities:)*

1. Lectures
2. Rounds/discussions
3. Patient contact
4. Assigned readings
5. Attendance at high-risk deliveries

**PATIENT ENCOUNTERS: (Students will be expected to work-up patients with these specified conditions:)**

1. Prematurity
2. Low birth weight
3. Sepsis
4. Respiratory distress
5. Feeding issues

**EVALUATION / FEEDBACK METHODS:**

1. Clinical Evaluation Form (Medical Knowledge; Patient Care; Professionalism; Interpersonal/Communication Skills; Practice-based Learning; Systems-based Learning)
2. Direct observation and in-person feedback by attending physicians and residents (Medical Knowledge; Patient Care; Professionalism; Interpersonal/Communication Skills; Practice-based Learning; Systems-based Learning)

**CALL:**

Will students be expected to participate in call? NO

If yes, please describe the call schedule/frequency:

Students will work in 12-hour shifts consistent with the house staff schedule

<b>PEDS 863</b>	<b>Pediatric Ward Externship</b>	<u>Course Director(s):</u>		<u>Course Coordinator(s):</u>	
		Patricia McBurney, MD		Christine Talbot-Bond	
		Sherron Jackson, MD		792-8362	
<u>Student Limit</u>				talbotbo@musc.edu	

  

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**COMMENTS:**

**COURSE DESCRIPTION:**

The extern will be exposed to pediatric patients with acute and chronic diseases and will participate in the complete care of the patient as part of the general pediatric team where they will learn to communicate with patients, families, staff and referring physicians. Clinical emphasis will include enhancement of interviewing and physical examination skills, discussions of pathophysiology, formulation of diagnostic and treatment plans, and participation in commonly used procedures under the supervision of senior residents and attendings.

**LEARNING GOALS & OBJECTIVES: (At the completion of this clinical rotation, students should be able to:)**

1. Enhance interviewing and examining skills (Practice-based Learning)
2. Learn through pathophysiology discussions (Medical Knowledge)
3. Develop skills in formulation of diagnostic and treatment plans
4. Participate in commonly used procedures while under supervision (Practice-based Learning)
5. Communicate with patients, parents, staff, and referring physicians (Practice-based Learning; Professionalism; Interpersonal/Communication Skills; Systems-based Practice)
6. Develop skills in formulating appropriate orders and preparing prescriptions (Patient Care)
7. Practice identifying criteria for admission and discharge from hospital (Medical Knowledge; Patient Care)
8. Practice describing signs and symptoms that reflect deterioration or improvement of a patient's clinical condition (Medical Knowledge, Patient Care)
9. Develop skills in eliciting and recognizing perspectives of patients and families and providing care within the social and cultural context (Interpersonal/Communication Skills)
10. Gain a greater appreciation for and skills in family-centered care (Interpersonal/Communication Skills)

**INSTRUCTIONAL METHODOLOGIES & ROTATION ACTIVITIES:**

*(Students on this rotation will be expected to learn and achieve the educational goals and objectives through the following methodologies and activities:)*

1. Patient contact
2. Rounds/discussions
3. Lectures

**PATIENT ENCOUNTERS: (Students will be expected to work-up patients with these specified conditions:)**

1. ALTE/apnea/cyanosis
2. Dehydration
3. Fever
4. Respiratory distress
5. Chronic disease with complications

**EVALUATION / FEEDBACK METHODS:**

1. Clinical Evaluation Form (Medical Knowledge; Patient Care; Professionalism; Interpersonal/Communication Skills; Practice-based Learning; Systems-based Learning)
2. Direct observation and in-person feedback by attending physicians and residents (Medical Knowledge; Patient Care; Professionalism; Interpersonal/Communication Skills; Practice-based Learning; Systems-based Learning)

**CALL:**

Will students be expected to participate in call? YES

If yes, please describe the call schedule/frequency:

"Short call" (until 9pm) according to the intern schedule, up to every 4 nights

**PEDS 864**

**Pediatric Cardiology Externship**

Course Director(s):

Varsha Bandisode, MD

Course Coordinator(s):

Christine Talbot-Bond

792-8362

talbotbo@musc.edu

Student Limit

<b>Blk 1</b>	<input type="checkbox"/> 2	<input checked="" type="checkbox"/>	July 2 - July 27	<b>Blk 3</b>	<input type="checkbox"/> 2	<input checked="" type="checkbox"/>	Aug 27 - Sept 21	<b>Blk 5A</b>	<input type="checkbox"/>	<input type="checkbox"/>	Oct 22 - Nov 2	<b>Blk 7B</b>	<input type="checkbox"/>	<input type="checkbox"/>	Jan 14 - Jan 25	<b>Blk 10</b>	<input type="checkbox"/> 2	<input checked="" type="checkbox"/>	Mar 25 - Apr 19
<b>Blk 1A</b>	<input type="checkbox"/>	<input type="checkbox"/>	July 2 - July 13	<b>Blk 3A</b>	<input type="checkbox"/>	<input type="checkbox"/>	Aug 27 - Sept 7	<b>Blk 5B</b>	<input type="checkbox"/>	<input type="checkbox"/>	Nov 5 - Nov 16	<b>Blk 8</b>	<input type="checkbox"/> 2	<input checked="" type="checkbox"/>	Jan 28 - Feb 22	<b>Blk 10A</b>	<input type="checkbox"/>	<input type="checkbox"/>	Mar 25 - Apr 5
<b>Blk 1B</b>	<input type="checkbox"/>	<input type="checkbox"/>	July 16 - July 27	<b>Blk 3B</b>	<input type="checkbox"/>	<input type="checkbox"/>	Sept 10 - Sept 21	<b>Blk 6</b>	<input type="checkbox"/> 2	<input checked="" type="checkbox"/>	Nov 19 - Dec 14	<b>Blk 8A</b>	<input type="checkbox"/>	<input type="checkbox"/>	Jan 28 - Feb 8	<b>Blk 10B</b>	<input type="checkbox"/>	<input type="checkbox"/>	Apr 8 - Apr 19
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				<b>Blk 5</b>	<input type="checkbox"/> 2	<input checked="" type="checkbox"/>	Oct 22 - Nov 16	<b>Blk 7A</b>	<input type="checkbox"/>	<input type="checkbox"/>	Jan 2 - Jan 11	<b>Blk 9B</b>	<input type="checkbox"/>	<input type="checkbox"/>	Mar 11 - Mar 22				

**COMMENTS:**

**COURSE DESCRIPTION:**

Care of pediatric cardiology patients. Students will participate in rounds, consults, admissions and discharges. They will gain experience with interpreting the results of telemetry, EKG, ECHOs, CXRs, chemistries, and blood gases.

**LEARNING GOALS & OBJECTIVES: (At the completion of this clinical rotation, students should be able to:)**

1. Learn anatomy and physiology of congenital heart and acquired heart diseases (Medical Knowledge)
2. Practice the physical exam of the heart (Patient Care, Practice-based Learning and Improvement)
3. Participate in the coordinated management of medical care (Patient Care, Systems-based Practice)
4. Participate in resident check-out rounds and develop skills in delivering concise, pertinent information (Patient Care, Practice-based Learning and Improvement, Interpersonal and Communication Skills)

**INSTRUCTIONAL METHODOLOGIES & ROTATION ACTIVITIES:**

*(Students on this rotation will be expected to learn and achieve the educational goals and objectives through the following methodologies and activities:)*

1. Lectures
2. Rounds/discussions
3. Patient contact

**PATIENT ENCOUNTERS: (Students will be expected to work-up patients with these specified conditions:)**

1. Congenital heart disease
2. Acquired heart disease
3. Hypertension
4. Murmur

**EVALUATION / FEEDBACK METHODS:**

1. Clinical Evaluation Form (Medical Knowledge; Patient Care; Professionalism; Interpersonal/Communication Skills; Practice-based Learning; Systems-based Learning)
2. Direct observation and in-person feedback by attending physicians and residents (Medical Knowledge; Patient Care; Professionalism; Interpersonal/Communication Skills; Practice-based Learning; Systems-based Learning)

**CALL:**

Will students be expected to participate in call? YES

If yes, please describe the call schedule/frequency:

Every Friday night

**PEDS 868**

**Primary Care Pediatrics**

Course Director(s):

Kristina Gustafson, MD

Course Coordinator(s):

Christine Talbot-Bond

792-8362

talbotbo@musc.edu

Student Limit

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**COMMENTS:**

**COURSE DESCRIPTION:**

This rotation is in an ambulatory pediatric center and will allow the student to provide acute care and preventative health screenings to children ages 0–18 years of age. The student will have opportunities to participate in all aspects of patient care.

**LEARNING GOALS & OBJECTIVES: (At the completion of this clinical rotation, students should be able to:)**

1. Develop knowledge base in outpatient pediatrics (Medical Knowledge)
2. Develop skills in independently collecting both focused and comprehensive, developmentally appropriate histories (Patient Care; Practice-based Learning)
3. Practice synthesizing information gathered about sick and well children and then formulate diagnosis and treatment plans (Practice-based Learning)
4. Develop skills in examining children of many developmental ages (Patient Care)
5. Learn age appropriate health supervision principles (Medical Knowledge)
6. Learn effective communication skills for children and parents (Interpersonal/Communication Skills)
7. Demonstrate punctuality and ability to complete clinical tasks efficiently (Professionalism)

**INSTRUCTIONAL METHODOLOGIES & ROTATION ACTIVITIES:**

*(Students on this rotation will be expected to learn and achieve the educational goals and objectives through the following methodologies and activities:)*

1. Patient contact
2. Lectures

**PATIENT ENCOUNTERS: (Students will be expected to work-up patients with these specified conditions:)**

1. Well child/sports and camp physicals
2. Infection
3. School/behavior issues
4. Gastrointestinal issues
5. Dermatological issues

**EVALUATION / FEEDBACK METHODS:**

1. Clinical Evaluation Form (Medical Knowledge; Patient Care; Professionalism; Interpersonal/Communication Skills; Practice-based Learning; Systems-based Learning)
2. Direct observation and in-person feedback by attending physicians and residents (Medical Knowledge; Patient Care; Professionalism; Interpersonal/Communication Skills; Practice-based Learning; Systems-based Learning)

**CALL:**

Will students be expected to participate in call? NO

If yes, please describe the call schedule/frequency:

**PEDS 870**

**Pediatric Hematology/Oncology Externship**

Course Director(s):

Michelle Hudspeth, MD

Course Coordinator(s):

Christine Talbot-Bond

792-8362

talbotbo@musc.edu

Student Limit

<b>Blk 1</b>	<input checked="" type="checkbox"/>	July 2 - July 27	<b>Blk 3</b>	<input checked="" type="checkbox"/>	Aug 27 - Sept 21	<b>Blk 5A</b>	<input type="checkbox"/>	Oct 22 - Nov 2	<b>Blk 7B</b>	<input type="checkbox"/>	Jan 14 - Jan 25	<b>Blk 10</b>	<input checked="" type="checkbox"/>	Mar 25 - Apr 19
<b>Blk 1A</b>	<input type="checkbox"/>	July 2 - July 13	<b>Blk 3A</b>	<input type="checkbox"/>	Aug 27 - Sept 7	<b>Blk 5B</b>	<input type="checkbox"/>	Nov 5 - Nov 16	<b>Blk 8</b>	<input checked="" type="checkbox"/>	Jan 28 - Feb 22	<b>Blk 10A</b>	<input type="checkbox"/>	Mar 25 - Apr 5
<b>Blk 1B</b>	<input type="checkbox"/>	July 16 - July 27	<b>Blk 3B</b>	<input type="checkbox"/>	Sept 10 - Sept 21	<b>Blk 6</b>	<input checked="" type="checkbox"/>	Nov 19 - Dec 14	<b>Blk 8A</b>	<input type="checkbox"/>	Jan 28 - Feb 8	<b>Blk 10B</b>	<input type="checkbox"/>	Apr 8 - Apr 19
<b>Blk 2</b>	<input checked="" type="checkbox"/>	July 30 - Aug 24	<b>Blk 4</b>	<input checked="" type="checkbox"/>	Sept 24 - Oct 19	<b>Blk 6A</b>	<input type="checkbox"/>	Nov 19 - Nov 30	<b>Blk 8B</b>	<input type="checkbox"/>	Feb 11 - Feb 22	<b>Blk 11</b>	<input checked="" type="checkbox"/>	Apr 22 - May 17
<b>Blk 2A</b>	<input type="checkbox"/>	July 30 - Aug 10	<b>Blk 4A</b>	<input type="checkbox"/>	Sept 24 - Oct 5	<b>Blk 6B</b>	<input type="checkbox"/>	Dec 3 - Dec 14	<b>Blk 9</b>	<input checked="" type="checkbox"/>	Feb 25 - Mar 22	<b>Blk 11A</b>	<input type="checkbox"/>	Apr 22 - May 3
<b>Blk 2B</b>	<input type="checkbox"/>	Aug 13 - Aug 24	<b>Blk 4B</b>	<input type="checkbox"/>	Oct 8 - Oct 19	<b>Blk 7</b>	<input checked="" type="checkbox"/>	Jan 2 - Jan 25	<b>Blk 9A</b>	<input type="checkbox"/>	Feb 25 - Mar 8	<b>Blk 11B</b>	<input type="checkbox"/>	May 6 - May 17
			<b>Blk 5</b>	<input checked="" type="checkbox"/>	Oct 22 - Nov 16	<b>Blk 7A</b>	<input type="checkbox"/>	Jan 2 - Jan 11	<b>Blk 9B</b>	<input type="checkbox"/>	Mar 11 - Mar 22			

**COMMENTS:**

**COURSE DESCRIPTION:**

This is a hands-on rotation on the clinical hematology/oncology services. The student will be the acting intern for patients and will be involved in admissions, discharges, rounds, and daily care of the patients. The student will also have opportunities to participate in Tumor Board, consults, team teaching sessions, and procedures (i.e. bone marrow biopsies and pathology review).

**LEARNING GOALS & OBJECTIVES: (At the completion of this clinical rotation, students should be able to:)**

1. Become familiar with pediatric oncology diseases and common hematological disorders (Medical Knowledge)
2. Learn to present relevant clinical information in a concise manner (Practice-based Learning)
3. Learn how to interact with families of children suffering from chronic diseases (Practice-based Learning)
4. Learn to manage time efficiently in clinical work (Patient Care)
5. Demonstrate a patient and family-centered and humanistic approach to clinical work (Professionalism)

**INSTRUCTIONAL METHODOLOGIES & ROTATION ACTIVITIES:**

*(Students on this rotation will be expected to learn and achieve the educational goals and objectives through the following methodologies and activities:)*

1. Lectures
2. Rounds/discussions
3. Patient contact

**PATIENT ENCOUNTERS: (Students will be expected to work-up patients with these specified conditions:)**

1. Anemia
2. Leukemia
3. Tumors

**EVALUATION / FEEDBACK METHODS:**

1. Clinical Evaluation Form (Medical Knowledge; Patient Care; Professionalism; Interpersonal/Communication Skills; Practice-based Learning; Systems-based Learning)
2. Direct observation and in-person feedback by attending physicians and residents (Medical Knowledge; Patient Care; Professionalism; Interpersonal/Communication Skills; Practice-based Learning; Systems-based Learning)

**CALL:**

Will students be expected to participate in call? NO

If yes, please describe the call schedule/frequency:

Student will follow the intern's 12-hour shift workdays (6:30am-6:30pm) with appropriate number of days off per the COM Duty Hour Policy

**PEDS 871**

**Clinical Genetics and Counseling**

**Course Director(s):**

G.S. Pai, MD

**Course Coordinator(s):**

Christine Talbot-Bond

792-8362

talbotbo@musc.edu

**Student Limit**

<b>Blk 1</b>	<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> July 2 - July 27	<b>Blk 3</b>	<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> Aug 27 - Sept 21	<b>Blk 5A</b>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> Oct 22 - Nov 2	<b>Blk 7B</b>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> Jan 14 - Jan 25	<b>Blk 10</b>	<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> Mar 25 - Apr 19
<b>Blk 1A</b>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> July 2 - July 13	<b>Blk 3A</b>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> Aug 27 - Sept 7	<b>Blk 5B</b>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> Nov 5 - Nov 16	<b>Blk 8</b>	<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> Jan 28 - Feb 22	<b>Blk 10A</b>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> Mar 25 - Apr 5
<b>Blk 1B</b>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> July 16 - July 27	<b>Blk 3B</b>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> Sept 10 - Sept 21	<b>Blk 6</b>	<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> Nov 19 - Dec 14	<b>Blk 8A</b>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> Jan 28 - Feb 8	<b>Blk 10B</b>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> Apr 8 - Apr 19
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<b>Blk 2B</b>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> Aug 13 - Aug 24	<b>Blk 4B</b>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> Oct 8 - Oct 19	<b>Blk 7</b>	<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> Jan 2 - Jan 25	<b>Blk 9A</b>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> Feb 25 - Mar 8	<b>Blk 11B</b>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> May 6 - May 17
			<b>Blk 5</b>	<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> Oct 22 - Nov 16	<b>Blk 7A</b>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> Jan 2 - Jan 11	<b>Blk 9B</b>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> Mar 11 - Mar 22			

**COMMENTS:**

**COURSE DESCRIPTION:**

This course allows the student to gain additional fundamental knowledge of common genetic disorders encountered in day-to-day practice and to gain experience in analyzing the complex psychosocial and emotional aspects of genetic disorders and counseling. Students will attend clinics at the Children's Hospital and outreach sites (Florence, Beaufort and Georgetown), perform supervised patient assessments, prepare case summaries and literature search assignments.

**LEARNING GOALS & OBJECTIVES: (At the completion of this clinical rotation, students should be able to:)**

1. Learn the basics of dysmorphology assessment (Medical Knowledge)
2. Gain experience with the principles and practice of genetic counseling (Patient Care)
3. Gain an understanding of genetic test in clinical practice (Medical Knowledge)
4. Discuss and consider the ethics of genetic medicine (Medical Knowledge; Professionalism)

**INSTRUCTIONAL METHODOLOGIES & ROTATION ACTIVITIES:**

*(Students on this rotation will be expected to learn and achieve the educational goals and objectives through the following methodologies and activities:)*

1. Lectures
2. Rounds/discussions
3. Patient contact

**PATIENT ENCOUNTERS: (Students will be expected to work-up patients with these specified conditions:)**

1. Rare and common genetic diseases

**EVALUATION / FEEDBACK METHODS:**

1. Clinical Evaluation Form (Medical Knowledge; Patient Care; Professionalism; Interpersonal/Communication Skills; Practice-based Learning; Systems-based Learning)
2. Direct observation and in-person feedback by attending physicians and residents (Medical Knowledge; Patient Care; Professionalism; Interpersonal/Communication Skills; Practice-based Learning; Systems-based Learning)

**CALL:**

Will students be expected to participate in call? NO

If yes, please describe the call schedule/frequency:

**PEDS 876**

**Pediatric Critical Care Externship**

Course Director(s):

Fred Tecklenburg, MD

Course Coordinator(s):

Christine Talbot-Bond

792-8362

talbotbo@musc.edu

Student Limit

<b>Blk 1</b>	<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> July 2 - July 27	<b>Blk 3</b>	<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> Aug 27 - Sept 21	<b>Blk 5A</b>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> Oct 22 - Nov 2	<b>Blk 7B</b>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> Jan 14 - Jan 25	<b>Blk 10</b>	<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> Mar 25 - Apr 19
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<b>Blk 2</b>	<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> July 30 - Aug 24	<b>Blk 4</b>	<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> Sept 24 - Oct 19	<b>Blk 6A</b>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> Nov 19 - Nov 30	<b>Blk 8B</b>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> Feb 11 - Feb 22	<b>Blk 11</b>	<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> Apr 22 - May 17
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<b>Blk 2B</b>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> Aug 13 - Aug 24	<b>Blk 4B</b>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> Oct 8 - Oct 19	<b>Blk 7</b>	<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> Jan 2 - Jan 25	<b>Blk 9A</b>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> Feb 25 - Mar 8	<b>Blk 11B</b>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> May 6 - May 17
			<b>Blk 5</b>	<input checked="" type="checkbox"/> 1	<input checked="" type="checkbox"/> Oct 22 - Nov 16	<b>Blk 7A</b>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> Jan 2 - Jan 11	<b>Blk 9B</b>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> Mar 11 - Mar 22			

**COMMENTS:**

**COURSE DESCRIPTION:**

A rotation in pediatric critical care encompasses the multiple facets applying intensive care techniques to pediatric patients with life-threatening problems. Pathophysiology and advanced diagnostic and therapeutic modalities will be stressed. The student will participate in all aspects of patient care including admission, discharge, daily rounds and reassessment, consults, and procedures.

**LEARNING GOALS & OBJECTIVES: (At the completion of this clinical rotation, students should be able to:)**

1. Gain knowledge of the pathophysiology of single or multiple organ system failure (Medical Knowledge)
2. Gain knowledge of ventilator management (Medical Knowledge)
3. Analyze ICU decision making that integrates clinical assessment and laboratory data into management and treatment of critically ill patients (Practice-based Learning)
4. Gain knowledge of neurologic emergencies and trauma ICU management (Medical Knowledge)
5. Recognize how clinical uncertainty affects clinical care in the ICU (Patient Care)
6. Gain skill in recognizing patients who need immediate attention by a supervising physician and in understanding the appropriate roles of the general practitioner and the intensivist in this setting (System-based Practice)
7. Identify the importance of compassionate care for the critically ill or dying patient and family (Professionalism)
8. Demonstrate teamwork skills in all clinical work and interprofessional exchanges (Interpersonal/Communication Skills)

**INSTRUCTIONAL METHODOLOGIES & ROTATION ACTIVITIES:**

*(Students on this rotation will be expected to learn and achieve the educational goals and objectives through the following methodologies and activities:)*

1. Lectures
2. Rounds/discussions
3. Patient contact

**PATIENT ENCOUNTERS: (Students will be expected to work-up patients with these specified conditions:)**

1. Trauma
2. Post-surgical care
3. Organ failure
4. Shock

**EVALUATION / FEEDBACK METHODS:**

1. Clinical Evaluation Form (Medical Knowledge; Patient Care; Professionalism; Interpersonal/Communication Skills; Practice-based Learning; Systems-based Learning)
2. Direct observation and in-person feedback by attending physicians and residents (Medical Knowledge; Patient Care; Professionalism; Interpersonal/Communication Skills; Practice-based Learning; Systems-based Learning)

**CALL:**

Will students be expected to participate in call? YES

If yes, please describe the call schedule/frequency:

Every 4-6 nights and in compliance with the COM Duty Hours Policy

**PEDS 877**

**Neonatal Intensive Care Externship**

Course Director(s):

John Cahill, MD

Course Coordinator(s):

Christine Talbot-Bond

792-8362

talbotbo@musc.edu

**Student Limit**

<b>Blk 1</b>	<input checked="" type="checkbox"/> 1	<input type="checkbox"/>	July 2 - July 27	<b>Blk 3</b>	<input checked="" type="checkbox"/> 1	<input type="checkbox"/>	Aug 27 - Sept 21	<b>Blk 5A</b>	<input type="checkbox"/>	<input type="checkbox"/>	Oct 22 - Nov 2	<b>Blk 7B</b>	<input type="checkbox"/>	<input type="checkbox"/>	Jan 14 - Jan 25	<b>Blk 10</b>	<input checked="" type="checkbox"/> 1	<input type="checkbox"/>	Mar 25 - Apr 19
<b>Blk 1A</b>	<input type="checkbox"/>	<input type="checkbox"/>	July 2 - July 13	<b>Blk 3A</b>	<input type="checkbox"/>	<input type="checkbox"/>	Aug 27 - Sept 7	<b>Blk 5B</b>	<input type="checkbox"/>	<input type="checkbox"/>	Nov 5 - Nov 16	<b>Blk 8</b>	<input checked="" type="checkbox"/> 1	<input type="checkbox"/>	Jan 28 - Feb 22	<b>Blk 10A</b>	<input type="checkbox"/>	<input type="checkbox"/>	Mar 25 - Apr 5
<b>Blk 1B</b>	<input type="checkbox"/>	<input type="checkbox"/>	July 16 - July 27	<b>Blk 3B</b>	<input type="checkbox"/>	<input type="checkbox"/>	Sept 10 - Sept 21	<b>Blk 6</b>	<input checked="" type="checkbox"/> 1	<input type="checkbox"/>	Nov 19 - Dec 14	<b>Blk 8A</b>	<input type="checkbox"/>	<input type="checkbox"/>	Jan 28 - Feb 8	<b>Blk 10B</b>	<input type="checkbox"/>	<input type="checkbox"/>	Apr 8 - Apr 19
<b>Blk 2</b>	<input checked="" type="checkbox"/> 1	<input type="checkbox"/>	July 30 - Aug 24	<b>Blk 4</b>	<input checked="" type="checkbox"/> 1	<input type="checkbox"/>	Sept 24 - Oct 19	<b>Blk 6A</b>	<input type="checkbox"/>	<input type="checkbox"/>	Nov 19 - Nov 30	<b>Blk 8B</b>	<input type="checkbox"/>	<input type="checkbox"/>	Feb 11 - Feb 22	<b>Blk 11</b>	<input checked="" type="checkbox"/> 1	<input type="checkbox"/>	Apr 22 - May 17
<b>Blk 2A</b>	<input type="checkbox"/>	<input type="checkbox"/>	July 30 - Aug 10	<b>Blk 4A</b>	<input type="checkbox"/>	<input type="checkbox"/>	Sept 24 - Oct 5	<b>Blk 6B</b>	<input type="checkbox"/>	<input type="checkbox"/>	Dec 3 - Dec 14	<b>Blk 9</b>	<input checked="" type="checkbox"/> 1	<input type="checkbox"/>	Feb 25 - Mar 22	<b>Blk 11A</b>	<input type="checkbox"/>	<input type="checkbox"/>	Apr 22 - May 3
<b>Blk 2B</b>	<input type="checkbox"/>	<input type="checkbox"/>	Aug 13 - Aug 24	<b>Blk 4B</b>	<input type="checkbox"/>	<input type="checkbox"/>	Oct 8 - Oct 19	<b>Blk 7</b>	<input checked="" type="checkbox"/> 1	<input type="checkbox"/>	Jan 2 - Jan 25	<b>Blk 9A</b>	<input type="checkbox"/>	<input type="checkbox"/>	Feb 25 - Mar 8	<b>Blk 11B</b>	<input type="checkbox"/>	<input type="checkbox"/>	May 6 - May 17
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**COMMENTS:**

**COURSE DESCRIPTION:**

The NICU (Newborn Intensive Care Unit) externship provides the extern exposure to pathophysiology of newborn disease. This rotation is ideal for a student interested in pediatrics or OB-GYN. The student will act as the intern and participate in all aspects of clinical work, including delivery, daily rounds, daily care, discharge planning, and family conferences.

**LEARNING GOALS & OBJECTIVES: (At the completion of this clinical rotation, students should be able to:)**

1. Learn pathophysiology of common neonatal problems and the management of sick newborns (Medical Knowledge)
2. Learn about neonatal nutrition and neonatal pharmacology (Medical Knowledge)
3. Demonstrate adherence to guidelines including those regarding infection control (Professionalism)
4. Demonstrate a humanistic, family-centered approach when working with patients and families of various socioeconomic and cultural backgrounds (Professionalism)
5. Participate in the transition of care from inpatient to home (Systems-based Practice)
6. Recognize the importance of reassessment of patients and demonstrate the ability to appropriately reassess patients (Patient Care)
7. Participate in the resuscitation of high-risk neonate (Patient Care)
8. Recognize and describe the benefits of multi-disciplinary rounds (Professionalism)

**INSTRUCTIONAL METHODOLOGIES & ROTATION ACTIVITIES:**

*(Students on this rotation will be expected to learn and achieve the educational goals and objectives through the following methodologies and activities:)*

1. Lectures
2. Rounds/discussions
3. Patient contact
4. Assigned readings
5. Attendance at high-risk deliveries

**PATIENT ENCOUNTERS: (Students will be expected to work-up patients with these specified conditions:)**

1. Prematurity and associated myriad short-term and long-term morbidities
2. Congenital anomalies
3. Difficulties in transition to extra-uterine life in term infant
4. Respiratory distress
5. Feeding issues
6. Sepsis/infection

**EVALUATION / FEEDBACK METHODS:**

1. Clinical Evaluation Form (Medical Knowledge; Patient Care; Professionalism; Interpersonal/Communication Skills; Practice-based Learning; Systems-based Learning)
2. Direct observation and in-person feedback by attending physicians and residents (Medical Knowledge; Patient Care; Professionalism; Interpersonal/Communication Skills; Practice-based Learning; Systems-based Learning)

**CALL:**

Will students be expected to participate in call? NO

If yes, please describe the call schedule/frequency:

Students will follow the intern schedule of 12-hours shifts, in compliance with the COM Duty Hours Policy. If a student desires the experience of functions and activities of the NICU at night, such arrangements can be made.

**PEDS 879**

**Pediatric Infectious Disease**

Course Director(s):

Sandra Fowler, MD

Course Coordinator(s):

Christine Talbot-Bond

792-8362

talbotbo@musc.edu

**Student Limit**

<b>Blk 1</b>	<input type="checkbox"/> 2	<input checked="" type="checkbox"/>	July 2 - July 27	<b>Blk 3</b>	<input type="checkbox"/> 2	<input checked="" type="checkbox"/>	Aug 27 - Sept 21	<b>Blk 5A</b>	<input type="checkbox"/>	<input type="checkbox"/>	Oct 22 - Nov 2	<b>Blk 7B</b>	<input type="checkbox"/>	<input type="checkbox"/>	Jan 14 - Jan 25	<b>Blk 10</b>	<input type="checkbox"/> 2	<input checked="" type="checkbox"/>	Mar 25 - Apr 19
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<b>Blk 2</b>	<input type="checkbox"/> 2	<input checked="" type="checkbox"/>	July 30 - Aug 24	<b>Blk 4</b>	<input type="checkbox"/> 2	<input checked="" type="checkbox"/>	Sept 24 - Oct 19	<b>Blk 6A</b>	<input type="checkbox"/>	<input type="checkbox"/>	Nov 19 - Nov 30	<b>Blk 8B</b>	<input type="checkbox"/>	<input type="checkbox"/>	Feb 11 - Feb 22	<b>Blk 11</b>	<input type="checkbox"/> 2	<input checked="" type="checkbox"/>	Apr 22 - May 17
<b>Blk 2A</b>	<input type="checkbox"/>	<input type="checkbox"/>	July 30 - Aug 10	<b>Blk 4A</b>	<input type="checkbox"/>	<input type="checkbox"/>	Sept 24 - Oct 5	<b>Blk 6B</b>	<input type="checkbox"/>	<input type="checkbox"/>	Dec 3 - Dec 14	<b>Blk 9</b>	<input type="checkbox"/> 2	<input checked="" type="checkbox"/>	Feb 25 - Mar 22	<b>Blk 11A</b>	<input type="checkbox"/>	<input type="checkbox"/>	Apr 22 - May 3
<b>Blk 2B</b>	<input type="checkbox"/>	<input type="checkbox"/>	Aug 13 - Aug 24	<b>Blk 4B</b>	<input type="checkbox"/>	<input type="checkbox"/>	Oct 8 - Oct 19	<b>Blk 7</b>	<input type="checkbox"/> 2	<input checked="" type="checkbox"/>	Jan 2 - Jan 25	<b>Blk 9A</b>	<input type="checkbox"/>	<input type="checkbox"/>	Feb 25 - Mar 8	<b>Blk 11B</b>	<input type="checkbox"/>	<input type="checkbox"/>	May 6 - May 17
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**COMMENTS:**

**COURSE DESCRIPTION:**

This elective is designed to provide an in-depth and intensive exposure to both common and unusual infectious diseases of children. The student will participate in outpatient clinical visits and inpatient consults to all the pediatric services (subspecialty, ICU and hospitalists).

**LEARNING GOALS & OBJECTIVES: (At the completion of this clinical rotation, students should be able to:)**

1. Gain an in-depth understanding of the epidemiology, pathogenesis, clinical manifestations, diagnosis and treatment of common pediatric infectious diseases (Medical Knowledge)
2. Be introduced to subspecialty literature in pediatric infectious diseases and provide a basis for future independent learning (Medical Knowledge, Practice-based Learning)
3. Learn how to approach complicated patients with infectious diseases and how to evaluate serious or unusual infectious diseases (Practice-based Learning)
4. Develop skills in synthesizing clinical data to form a differential diagnosis list (Patient Care)
5. Develop skills in writing organized, appropriately focused, and accurate patient notes (Interpersonal/Communication Skills)

**INSTRUCTIONAL METHODOLOGIES & ROTATION ACTIVITIES:**

*(Students on this rotation will be expected to learn and achieve the educational goals and objectives through the following methodologies and activities:)*

1. Lectures
2. Rounds/discussions
3. Patient contact

**PATIENT ENCOUNTERS: (Students will be expected to work-up patients with these specified conditions:)**

1. Chronic and acute infections
2. Immunodeficiencies

**EVALUATION / FEEDBACK METHODS:**

1. Clinical Evaluation Form (Medical Knowledge; Patient Care; Professionalism; Interpersonal/Communication Skills; Practice-based Learning; Systems-based Learning)
2. Direct observation and in-person feedback by attending physicians and residents (Medical Knowledge; Patient Care; Professionalism; Interpersonal/Communication Skills; Practice-based Learning; Systems-based Learning)

**CALL:**

Will students be expected to participate in call? NO

If yes, please describe the call schedule/frequency:

PEDS 890

Child Abuse and Neglect

Course Director(s):

Mia Amaya, MD

Course Coordinator(s):

Christine Talbot-Bond

792-8362

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Student Limit

Blk 1	<input checked="" type="checkbox"/>	July 2 - July 27	Blk 3	<input checked="" type="checkbox"/>	Aug 27 - Sept 21	Blk 5A	<input type="checkbox"/>	Oct 22 - Nov 2	Blk 7B	<input type="checkbox"/>	Jan 14 - Jan 25	Blk 10	<input checked="" type="checkbox"/>	Mar 25 - Apr 19
Blk 1A	<input type="checkbox"/>	July 2 - July 13	Blk 3A	<input type="checkbox"/>	Aug 27 - Sept 7	Blk 5B	<input type="checkbox"/>	Nov 5 - Nov 16	Blk 8	<input checked="" type="checkbox"/>	Jan 28 - Feb 22	Blk 10A	<input type="checkbox"/>	Mar 25 - Apr 5
Blk 1B	<input type="checkbox"/>	July 16 - July 27	Blk 3B	<input type="checkbox"/>	Sept 10 - Sept 21	Blk 6	<input checked="" type="checkbox"/>	Nov 19 - Dec 14	Blk 8A	<input type="checkbox"/>	Jan 28 - Feb 8	Blk 10B	<input type="checkbox"/>	Apr 8 - Apr 19
Blk 2	<input checked="" type="checkbox"/>	July 30 - Aug 24	Blk 4	<input checked="" type="checkbox"/>	Sept 24 - Oct 19	Blk 6A	<input type="checkbox"/>	Nov 19 - Nov 30	Blk 8B	<input type="checkbox"/>	Feb 11 - Feb 22	Blk 11	<input checked="" type="checkbox"/>	Apr 22 - May 17
Blk 2A	<input type="checkbox"/>	July 30 - Aug 10	Blk 4A	<input type="checkbox"/>	Sept 24 - Oct 5	Blk 6B	<input type="checkbox"/>	Dec 3 - Dec 14	Blk 9	<input checked="" type="checkbox"/>	Feb 25 - Mar 22	Blk 11A	<input type="checkbox"/>	Apr 22 - May 3
Blk 2B	<input type="checkbox"/>	Aug 13 - Aug 24	Blk 4B	<input type="checkbox"/>	Oct 8 - Oct 19	Blk 7	<input checked="" type="checkbox"/>	Jan 2 - Jan 25	Blk 9A	<input type="checkbox"/>	Feb 25 - Mar 8	Blk 11B	<input type="checkbox"/>	May 6 - May 17
			Blk 5	<input checked="" type="checkbox"/>	Oct 22 - Nov 16	Blk 7A	<input type="checkbox"/>	Jan 2 - Jan 11	Blk 9B	<input type="checkbox"/>	Mar 11 - Mar 22			

**COMMENTS:**

Prior authorization required. Call or email Dr. Mia Amaya for preauthorization (792-2618).

**COURSE DESCRIPTION:**

Student will work with subspecialists in pediatric child abuse and neglect and will see patients in both the MUSC outpatient clinic and the Lowcountry's Children clinic. They will participate in ER and inpatient consults.

**LEARNING GOALS & OBJECTIVES: (At the completion of this clinical rotation, students should be able to:)**

1. Learn to use a logical and appropriate clinical approach to the care of suspected or confirmed victims of abuse or neglect (Patient Care)
2. Learn to access medical information efficiently, evaluate it critically, and apply it appropriately to the care of patients suspected of abuse or neglect (Medical Knowledge)
3. Learn to communicate effectively with physicians, other health professionals, and health-related agencies (Interpersonal/Communication Skills)
4. Learn to access and comply with the laws that define a physician's responsibilities when abuse or neglect is suspected (Professionalism)
5. Learn to practice high-quality healthcare and advocate for patients suspected of abuse or neglect (Systems-based Practice)

**INSTRUCTIONAL METHODOLOGIES & ROTATION ACTIVITIES:**

*(Students on this rotation will be expected to learn and achieve the educational goals and objectives through the following methodologies and activities:)*

1. Patient contact
2. Discussions
3. Conferences

**PATIENT ENCOUNTERS: (Students will be expected to work-up patients with these specified conditions:)**

1. Physical abuse
2. Sexual abuse
3. Emotional abuse
4. Neglect

**EVALUATION / FEEDBACK METHODS:**

1. Clinical Evaluation Form (Medical Knowledge; Patient Care; Professionalism; Interpersonal/Communication Skills; Practice-based Learning; Systems-based Learning)
2. Direct observation and in-person feedback by attending physicians and residents (Medical Knowledge; Patient Care; Professionalism; Interpersonal/Communication Skills; Practice-based Learning; Systems-based Learning)

**CALL:**

Will students be expected to participate in call? NO

If yes, please describe the call schedule/frequency: