Beaumont Health Emergency Medicine Residency
3601 West 13 Mile Road
Royal Oak, MI 48073

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Residency Director: Ryan Fringer, MD FACEP FAAEM
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Associate Residency Directors: Payal Shah, MD & Danielle Turner-Lawrence, MD FACEP
Program Type: 1,2,3 Founded: 1984

Curriculum
Each block is one calendar month long.

<table>
<thead>
<tr>
<th>PGY 1</th>
<th>PGY 2</th>
<th>PGY 3</th>
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<tbody>
<tr>
<td>EM Orientation Month (July)</td>
<td>EM Royal Oak – 4 months</td>
<td>EM Royal Oak – 9 mos.</td>
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<tr>
<td>EM Royal Oak – 4 months</td>
<td>Pediatric EM – Royal Oak</td>
<td>Toxicology</td>
</tr>
<tr>
<td>EM Troy</td>
<td>EM Troy</td>
<td>Administrative</td>
</tr>
<tr>
<td>EM Ultrasound</td>
<td>EM Ultrasound</td>
<td>Elective</td>
</tr>
<tr>
<td>Pediatric EM – Royal Oak</td>
<td>PICU</td>
<td></td>
</tr>
<tr>
<td>MICU</td>
<td>Research/Resuscitation</td>
<td></td>
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<tr>
<td>SICU</td>
<td>CCU</td>
<td></td>
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<tr>
<td>Ob/Gyn</td>
<td>MICU</td>
<td></td>
</tr>
<tr>
<td>Ophthalmology/Anesthesia</td>
<td>Trauma Surgery – Detroit Receiving</td>
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<tr>
<td>Ortho/Sports Medicine</td>
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Orientation month
The first month for all PGY 1’s is an orientation month. During this month each resident has a minimal shift requirement that is supplemented with daily lectures and labs. Additionally, there is a retreat which allows the new class to get to know one another, as well as provide insight into the challenges of being an emergency physician.

Emergency Medicine months
The shifts in the Emergency Department are 10 hours long. The first 9 hours of your shift are spent picking up new charts. At the end of those 9 hours, the next shift of residents starts picking up new charts. With the 1 hour remaining in your shift you finish up your charting (electronic), disposition your remaining patients, or provide a clear signout to the resident relieving you. The number of shifts worked per month varies based on level of training. PGY 1’s work 21 shifts per month, PGY 2’s 20, and PGY 3’s 18.

Didactics
Conference is held on Thursdays from 9AM-1PM. This is protected time, regardless of which rotation you are on. Lunch funds are provided. Journal club meets once per month.

Research
All residents are required to participate in scholarly activity to fulfill the Residency Review Committee requirement. This project may be one of their choosing, or they may participate in ongoing research. Authoring one of the following may also satisfy this requirement: published/presented abstract, peer reviewed article, review article, case report, or book chapter.
Research director: Robert Swor, D.O. (raswor@beaumont.edu)
Pediatrics
Our Emergency Department is constructed with a separate module for pediatric patients. This module is staffed by Emergency Physicians (ABEM boarded) and PEM (Pediatric Emergency Medicine) specialists. All Emergency Medicine residents are scheduled in the Pediatric Emergency Center each month of Emergency Medicine. In addition, PGY 1’s and 2’s have a dedicated month of Pediatric Emergency Medicine. Finally, PGY 2’s complete 1 month of PICU.
Pediatric EM Director: Kelly Levasseur, D.O.

Ultrasound
Each resident will complete an EM Ultrasound rotation in both the PGY1 and PGY2 years. During these rotations the resident completes numerous, supervised exams and reviews hours of film in our Ultrasound QA process.
EM Ultrasound Director: Amit Bahl, M.D.  RDMS

Simulation
All residents will participate in high fidelity adult and pediatric simulations quarterly in the simulation center. Simulations are facilitated in small groups and allow the residents to independently and safely handle a multitude of different scenarios ranging from common emergency medicine presentations to rare diseases or less frequently encountered procedures. Faculty are always present to allow for one-on-one teaching and debriefing.
Simulation Director: Danielle Turner-Lawrence, M.D.

Benefits
Salary (2016)
PGY 1: $50,086
PGY 2: $52,250
PGY 3: $54,371

Memberships Provided: SAEM, ACEP, EMRA, and AAEM

Subscriptions provided: Annals of Emergency Medicine, Academic Emergency Medicine, Journal of Emergency Medicine

Materials Provided:
 iPads are provided to first year residents, which allow access to the following online texts:
 Clinical Procedures in Emergency Medicine (Roberts and Hedges)
 Emergency Medicine: A Comprehensive Study Guide (Tintinalli)
 Rosen’s Emergency Medicine (Marx)
 Atlas of Emergency Medicine (Knoop)

Conferences Provided:
PGY 1: All interns are sent, fully paid, to the annual SAEM meeting.
PGY 2: $800
PGY 3: $800 conference stipend for an educational meeting of their choosing (typically ACEP).

Vacation:
4 weeks per year (3 weeks vacation/1 week conference)

Hospital/Department Statistics (2015)

<table>
<thead>
<tr>
<th></th>
<th>Beaumont – Royal Oak</th>
<th>Beaumont – Troy</th>
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<tbody>
<tr>
<td>Number of beds in hospital</td>
<td>1061</td>
<td>361</td>
</tr>
<tr>
<td>Number of beds in ED</td>
<td>102</td>
<td>66</td>
</tr>
<tr>
<td>ED visits annually</td>
<td>131,139</td>
<td>96,914</td>
</tr>
<tr>
<td>Admission Rate</td>
<td>35%</td>
<td>24%</td>
</tr>
<tr>
<td>ICU admission</td>
<td>22%</td>
<td>10%</td>
</tr>
<tr>
<td>Number of ED months</td>
<td>20</td>
<td>2</td>
</tr>
<tr>
<td>Distance from primary site</td>
<td>n/a</td>
<td>10 miles</td>
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</table>

Faculty (Royal Oak)
Full time: 48
EM or Peds Residency trained: 48
Board Certified in EM or PEM: 48

Residents
Total: 42
Women: 12
Minorities: 32