This extensive five-day course is designed as a complete temporal bone dissection course for the resident or fellow in training or as an update for the practicing otolaryngologist. The course seeks to improve the surgical skill of participants through a series of dissection exercises and review of topics in otology, neurotology and skull base surgery.

Upon completion of the course, participants will understand clinical decision making and will have improved basic temporal bone dissection skills so as to avoid technical errors in performing ear surgery, thus leading to fewer patient complications. Dissection exercises include:

- Canal wall down mastoidectomy
- Facial nerve decompression
- Facial recess dissection
- Intact canal wall mastoidectomy
- Meatoplasty
- Middle cranial fossa and lateral approaches to the temporal bone
- Ossicular reconstruction
- Stapedectomy
- Translabyrinthine approach to internal auditory canal
- Transmastoid labyrinthectomy
- Tympanoplasty

Emphasis will be placed on providing the physician with a conceptual understanding of the three-dimensional temporal bone anatomy. The course emphasizes intensive hands-on dissection under faculty supervision for six hours daily, rather than observation of videotapes or live surgery.
**PROGRAM SCHEDULE**

U-M faculty and prominent visiting professors contribute their expertise in the laboratory and through daily lectures. Lecture topics are listed below. Three additional lectures will be provided on other pertinent topics by the distinguished guest professor. We begin promptly at 8 a.m. in the Temporal Bone Lab, Room 4643 in the Med Sci II Building.

<table>
<thead>
<tr>
<th>MONDAY</th>
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<tbody>
<tr>
<td>8 a.m.</td>
<td>Welcome/Drilling Instruction and Topographic Anatomy</td>
</tr>
<tr>
<td>9 a.m.</td>
<td>Temporal Bone Dissection: Cortical Mastoidectomy, Canalplasty and Middle Ear</td>
</tr>
<tr>
<td>12 p.m.</td>
<td>Lunch/Mastoidectomy Techniques</td>
</tr>
<tr>
<td>1 p.m.</td>
<td>Temporal Bone Dissection: Canal Wall Down Mastoidectomy, Facial Nerve Dissection and Endolymphatic Sac</td>
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<tr>
<td>4 p.m.</td>
<td>Radiology of the Temporal Bone</td>
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<tr>
<th>TUESDAY</th>
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<tbody>
<tr>
<td>8 a.m.</td>
<td>Tympanoplasty Techniques</td>
</tr>
<tr>
<td>9 a.m.</td>
<td>Temporal Bone Dissection: Intact Canal Wall Mastoidectomy, Facial Recess Approach and Transmastoid Labyrinthectomy</td>
</tr>
<tr>
<td>12 p.m.</td>
<td>Lunch/Otosclerosis and Stapedectomy</td>
</tr>
<tr>
<td>1 p.m.</td>
<td>Temporal Bone Dissection: Facial Nerve Decompression and Endolymphatic Sac</td>
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<tr>
<td>4 p.m.</td>
<td>Clinical Pearls in Otologic Diagnosis</td>
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<tr>
<th>WEDNESDAY</th>
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<tbody>
<tr>
<td>8 a.m.</td>
<td>Neuro-Otologic Surgical Approaches</td>
</tr>
<tr>
<td>9 a.m.</td>
<td>Temporal Bone Dissection: Translabyrinthine Approach to IAC, and ICW Mastoidectomy and Cochleostomy</td>
</tr>
<tr>
<td>12 p.m.</td>
<td>Lunch/Facial Nerve Paralysis</td>
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<tr>
<td>1 p.m.</td>
<td>Temporal Bone Dissection: Middle Cranial Fossa Approach, and Middle Ear and Eustachian Tube from Above</td>
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<tr>
<td>4 p.m.</td>
<td>Lecture by Guest Faculty</td>
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<tr>
<th>THURSDAY</th>
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<tbody>
<tr>
<td>7 a.m.</td>
<td>Grand Rounds: Guest Faculty</td>
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<tr>
<td>8 a.m.</td>
<td>Temporal Bone Dissection: Tympanomeatal Flap, Middle Ear Exploration, Stapedectomy and Ossicular Chain Reconstruction</td>
</tr>
<tr>
<td>12 p.m.</td>
<td>Lunch/Lecture by Guest Faculty</td>
</tr>
<tr>
<td>1 p.m.</td>
<td>Elective Temporal Bone Dissection Activities</td>
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<tr>
<td>4 p.m.</td>
<td>Histopathology of the Temporal Bone</td>
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<th>FRIDAY</th>
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<tbody>
<tr>
<td>8 a.m.</td>
<td>Evaluation/Treatment of a Dizzy Patient</td>
</tr>
<tr>
<td>9 a.m.</td>
<td>Temporal Bone Dissection: Extended Facial Recess Approach, Lateral Temporal Bone Resection</td>
</tr>
<tr>
<td>12 p.m.</td>
<td>Lunch/Surgery for Vestibular Disorders</td>
</tr>
<tr>
<td>1 p.m.</td>
<td>Temporal Bone Dissection: Facial Nerve Mobilization, Approaches to Petrous Apex and Infratemporal Fossa Approach to Skull Base</td>
</tr>
<tr>
<td>1:30 p.m.</td>
<td>Optional Vestibular Testing Demo</td>
</tr>
<tr>
<td>4 p.m.</td>
<td>Adjournment</td>
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**UNIVERSITY OF MICHIGAN FACULTY**

H. Alexander Arts, M.D.
Professor of Otolaryngology-Head and Neck Surgery
Division of Otology-Neurotology
Course Director

Gregory Basura, M.D., Ph.D.
Assistant Professor of Otolaryngology-Head and Neck Surgery
Division of Otology-Neurotology

Hussam El-Kashlan, M.D.
Professor of Otolaryngology-Head and Neck Surgery
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Emily Stucken, M.D.
Assistant Professor of Otolaryngology-Head and Neck Surgery
Division of Otology-Neurotology

Steven A. Telian, M.D.
John L. Kemink Professor of Neurotology
Chief, Division of Otology-Neurotology

Marc C. Throne, M.D.
Associate Professor of Otolaryngology-Head and Neck Surgery
Division of Otology-Neurotology

**2017 GUEST FACULTY**

May 8-12
Abraham Jacob, M.D.
University of Arizona, Tucson, AZ

October 16-20
Robert F. Labadie, M.D.
Vanderbilt University, Nashville, TN

November 13-17
Alan W. Langman, M.D.
University of Washington, Seattle, WA
## TRAVEL INFORMATION

### Airport Shuttles

- **Ann Arbor Airport Shuttle**
  - [annarborairportshuttle.net](http://annarborairportshuttle.net)
  - 734-699-8500

- **Select Ride - Yellow Car Service**
  - [selectride.com](http://selectride.com)
  - 734-663-8898

### Recommended Hotels

**Within walking distance from the Medical Center:**

- **Ann Arbor Bed and Breakfast**
  - [annarborbedandbreakfast.com](http://annarborbedandbreakfast.com)
  - 921 E Huron St
  - 734-994-9100

- **Graduate Ann Arbor**
  - [graduateannarbor.com](http://graduateannarbor.com)
  - 615 E Huron St
  - 800-666-8693

- **Michigan League Inn**
  - [uunions.umich.edu/league/inn](http://uunions.umich.edu/league/inn)
  - 911 N University St
  - 734-764-3177

**Within shuttle ride distance, provided by the hotel:**

- **Microtel Inn Suites**
  - [microtelinn.com](http://microtelinn.com)
  - 3610 Plymouth Rd
  - 888-771-7171

- **Holiday Inn**
  - [hiannarbor.com](http://hiannarbor.com)
  - 3600 Plymouth Rd
  - 734-769-9800

- **Ann Arbor Regent Hotel & Suites**
  - [annarborregent.com](http://annarborregent.com)
  - 2455 Carpenter Rd
  - 800-973-6101

### Parking Information

Parking vouchers will be provided for those who wish to park on the Medical Campus. The voucher may be used at the P2 parking garage, located on the east side of the campus, next to the Taubman Center. Please allow 15 minutes to walk to the Temporal Bone Lab, located in Medical Science Unit II. For more information regarding transportation services, please visit the U-M Parking and Transportation Services website at pts.umich.edu.
REGISTRATION FORM

Course Fee: $2,200 for practicing physicians, or $1,680 for residents/fellows with a signed letter from the respective department chair, which states the date of completion of the individual’s residential or fellowship studies.

Course fees and a scanned copy of one’s passport (for non-U.S. citizens) are due 90 days prior to the course. After that date, fees are non-refundable and cannot be transferred. If a cancellation is made prior to the due date, the fee may be applied toward a future course, for a period of one year.

The fee includes a morning snack, coffee, tea and lunch. All surgical instruments, drills and four temporal bones are also provided. We are unable to accept bank transfers or credit card payments. Please send a check or bank draft, in the amount specified above, payable to “University of Michigan.”

Register for:
- May 8-12, 2017 (FULL)
- October 16-20, 2017 (FULL)
- November 13-17, 2017 (FULL)

- Glove Size: _____ S / _____ M / _____ L
- Parking at U of M? _____ Yes / _____ No
- Food restrictions?
  __________________________________________________________
  __________________________________________________________

We acknowledge support for our program provided by Anspach, Kurz, Grace Medical and Cochlear Americas. Our OPMI® pico Technoscopes are donated by Zeiss.

Last Name                                             First Name                                             M.I.                     Degree

_____________________________________________________________________________________________

Street Address

_____________________________________________________________________________________________

City                                                         State                                                      Zip                      Country

_____________________________________________________________________________________________

Telephone #

_____________________________________________________________________________________________

E-mail Address

_____________________________________________________________________________________________

Hospital Affiliation

Please mail this form, with check, to:

Laura Eldred
University of Michigan
1150 W Medical Center Dr, Med Sci II
Temporal Bone Lab, Room 4605
Ann Arbor, MI 48109-5616
Phone: 1.734.764.6106.
Fax: 1.734.764.0014.
E-mail: leldred@umich.edu

Do not assume you are registered until you receive an e-mail, letter or fax confirmation.