**Wednesday, September 21, 2016**

8:00 AM - 4:00 PM  
**Clinical Trainees Track Symposium**  
(Open to all attendees; additional fee for non-trainees)

8:00 AM - 8:15 AM  
Clinical Track Introduction  
Jacqueline Kung  
Andrew G. Gianoukakis  
Antonio C. Bianco

8:15 AM - 8:45 AM  
How Do Thyroid Hormones Work  
Bryan R. Haugen

8:45 AM - 9:15 AM  
Thyroid Test Measurements - What Technical Pitfalls Should the Clinician Be Aware Of?  
Carole A. Spencer

9:15 AM - 9:45 AM  
Thyroid Function Disorders: Highlights from Recent Guidelines  
David S. Cooper

9:45 AM - 10:00 AM  
Break

10:00 AM - 10:30 AM  
Management of Thyroid Disease and Pregnancy: New ATA Guidelines  
Elizabeth N. Pearce

10:30 AM - 11:00 AM  
Dysgenesis and Dyshormonogenesis: Understanding Thyroid Physiology Through Congenital Hypothyroidism  
Ari J. Wassner

11:00 AM - 11:30 AM  
The Discovery and Science of Iodine Deficiency  
Elizabeth N. Pearce

11:30 AM - 1:00 PM  
Lunch Roundtable Discussion (Faculty and Trainees)

1:00 PM - 1:15 PM  
Break

1:15 PM - 1:45 PM  
Evaluation of Thyroid Nodules: What do the ATA Guidelines Say?  
Jennifer A. Sipos

1:45 PM - 2:15 PM  
Molecular Testing in Thyroid Nodules and Thyroid Cancer Bench to Bedside  
Matthew D. Ringel

2:15 PM - 2:45 PM  
The Surgical Management of Thyroid Cancer: A Surgeon’s Perspective of the ATA Guidelines  
Julie Ann Sosa

2:45 PM - 3:00 PM  
Break

3:00 PM - 3:30 PM  
The Medical Management of Well-Differentiated Thyroid Cancer  
R. Michael Tuttle

3:30 PM - 4:00 PM  
Targeted Therapy for RAI Refractory Thyroid Cancer  
Steven I. Sherman
Wednesday, September 21, 2016 (cont.)

8:00 AM - 4:00 PM  **Basic Trainees Track Symposium: Energy and Metabolism** (Open to all attendees)

1:00 PM - 1:10 PM  Basic Track Introduction  
Douglas Forrest
Jennifer A. Morrison
Antonio C. Bianco

1:10 PM - 1:40 PM  Epigenomic Control of Adipocyte Biology  
Evan D. Rosen

1:40 PM - 2:10 PM  Deiodination and Metabolism  
Antonio C. Bianco

2:10 PM - 2:20 PM  Break

2:20 PM - 2:50 PM  Neural Control of Feeding: Insights from Optogenetics  
Michael Krashes

2:50 PM - 3:20 PM  The Role of Thyroid Hormone Receptor Sumoylation in Metabolic Regulation  
Gregory A. Brent

3:20 PM - 3:30 PM  Wrap Up

3:30 PM - 4:00 PM  Questions and Answers

Thursday, September 22, 2016

8:45 AM - 11:45 AM  **Trainees Thyroid Ultrasound Course**  
(Open to clinical and surgical travel grant trainees only; space limited)

- Introduction to Thyroid Ultrasound  
  Jacqueline Kung

- Advanced Thyroid Ultrasound  
  Andrew G. Gianoukakis

- Thyroid Cytology  
  Nicole A. Massoll

- Trainees Ultrasound Course Practicum

8:45 AM - 11:45 AM  **Surgical Trainees Track: Modern Thyroid Surgery - New Technology and Advanced Techniques**  
(Open to all trainees)

- Introduction and Moderator  
  Brendan C. Stack

- Advanced/Interventional Ultrasound  
  Lisa A. Orloff

- Ethics and Technology of Early Diagnosis  
  Peter Angelos

- Intraoperative Endoscopy and Energy  
  David J. Terris
Thursday, September 22, 2016 (cont.)

9:35 AM - 9:50 AM  Panel Discussion  Brendan C. Stack
Lisa A. Orloff
Peter Angelos
David J. Terris

9:50 AM - 9:55 AM  Break

9:55 AM - 10:00 AM  Introduction and Moderator  Brendan C. Stack

10:00 AM - 10:15 AM  Intraoperative Vagal Nerve Monitoring  Gregory W. Randolph

10:15 AM - 10:30 AM  Radio-guided Endocrine Surgery  Brendan C. Stack

10:30 AM - 10:45 AM  Perioperative Laryngeal Assessment  Barbra S. Miller

10:45 AM - 11:00 AM  Parathyroid/Calcium Management/ IOPTH  Samuel K. Snyder

11:00 AM - 11:15 AM  Panel Discussion  Gregory W. Randolph
Brendan C. Stack
Samuel K. Snyder
Barbra S. Miller

11:15 AM - 11:45 AM  Closing Discussion and Questions and Answers

12:35 PM - 1:30 PM  Basic Trainees Lunch Session: Career Paths  Grant W. Anderson
(Open to all trainees; Lunch ticket required for meal)
Paul J. Davis
Giulia C. Kennedy
Derek Bagley

12:35 PM - 1:30 PM  Clinical Trainees Lunch Session: Setting Up a  Brittany Bohinc Henderson
Thyroid Practice  J. Woody Sistrunk
(Open to all trainees; Lunch ticket required for meal)

2:20 PM - 4:00 PM  Case Discussions: Thyroid Nodules  Susan J. Mandel
Case Reviewers: Steven P. Weitzman and Whitney  Stephanie L. Lee
Goldner  Gregory W. Randolph
### Friday, September 23, 2016

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Moderator(s)</th>
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<tbody>
<tr>
<td>8:45 AM - 10:30 AM</td>
<td>Case Discussions: Thyroid Cancer</td>
<td>Martha A. Zeiger, Keith C. Bible, James D. Brierley</td>
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<td>Moderator: R. Michael Tuttle</td>
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<td>Case Reviewers: Alex Tessnow &amp; Andrew G. Gianoukakis</td>
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<td>12:35 PM - 1:30 PM</td>
<td>All Trainees Lunch Session: How to Get Your Work Published</td>
<td>Peter A. Kopp</td>
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<td>(Open to all trainees; Lunch ticket required for meal)</td>
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<tr>
<td>3:35 PM - 5:00 PM</td>
<td>Case Discussions: Thyroid Function</td>
<td>Peter A. Singer, Bernadette Biondi</td>
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<td>Case Reviewers: Tracey S. Tylee and Jacqueline Kung</td>
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### Saturday, September 24, 2016

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Perspectives</th>
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<tbody>
<tr>
<td>8:45 AM - 10:00 AM</td>
<td>How to Communicate About the Thyroid</td>
<td>Gerard M. Doherty, Virginia A. LiVolsi, Andrew G. Gianoukakis</td>
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<td>(Open to all trainees)</td>
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<tr>
<td>12:35 PM - 1:30 PM</td>
<td>Basic Trainees Lunch Session: Mammalian Models in Thyroid Research</td>
<td>Aime T. Franco</td>
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<td>(Open to all trainees; Lunch ticket required for meal)</td>
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<tr>
<td>12:35 PM - 1:30 PM</td>
<td>Clinical Trainees Lunch Session: Career Tracks</td>
<td>M. Carol Greenlee, Joshua P. Klopper, Stephanie A. Fish, Richard J. Weiss</td>
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<td>(Open to all trainees; Lunch ticket required for meal)</td>
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<td>3:35 PM - 4:35 PM</td>
<td>Trainees Poster Contest Winners Short Oral Presentations</td>
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<td>(Speakers determined onsite)</td>
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