

# NORTHEASTERN SPOTLIGHT

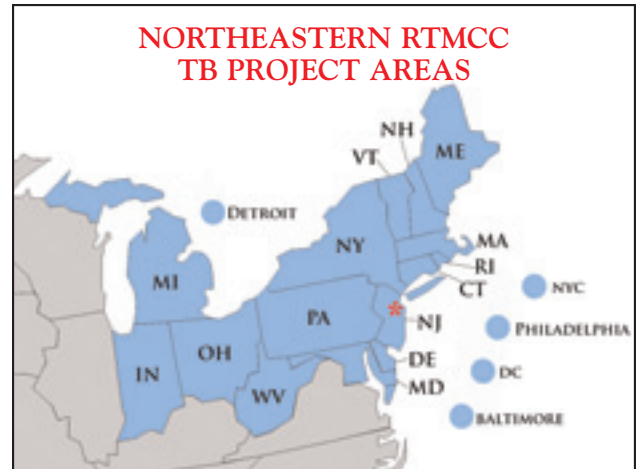
FALL 2007

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Dear Colleague:

As most of you know, during the first 6 months of this year I was on sabbatical at the Stop TB Partnership in Geneva to promote global advocacy and to promote the Global Plan to STOP TB. I am encouraged that activities there will help TB control efforts in our country and region as well. Certainly, the universal interest in TB in response the growing specter of XDR TB provides a unique opportunity to reach health care providers serving patients at risk for TB through training and medical consultation services.

On September 26, Jorge Sampaio, United Nations Special Envoy to Stop Tuberculosis (and former President of Portugal), visited the Global TB Institute in his international quest to raise awareness and identify ways to combat TB. I invite you to learn more about the Stop TB Partnership at <http://www.stoptb.org/>. The National



Coalition for Elimination of TB (originally created in 1991 in response to the resurgence of TB in the US) has recently been re-named STOP TB USA, to provide a more distinctive name and clear linkage to the global STOP TB Partnership. You can sign up to receive the STOP TB WIRE (the official newsletter of STOP TB USA) by sending an email to John Seggeron at

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## On-Line Survey:

**WE VALUE YOUR FEEDBACK!**  
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**WHAT YOU THINK OF**  
**OUR NEWSLETTER**



The Northeastern Regional Training and Medical Consultation Consortium is a collaborative effort of the Charles P. Felton National Tuberculosis Center at Harlem Hospital, the Massachusetts Department of Public Health, Division of Tuberculosis Prevention and Control, and the NJ Medical School Global Tuberculosis Institute and provides training, technical assistance, and medical consultation to health care professionals throughout the Northeastern United States.

RTMCC Communications Sub-Committee: Bill Bower, MPH • Chris Hayden • Erin Howe, MPH  
 Newsletter design by Judith Rew

We would like your feedback...please let us know what you think of this newsletter, future newsletter ideas, and/or article contributions you wish to make. Send an email to Chris Hayden, Newsletter Editor at [haydench@umdnj.edu](mailto:haydench@umdnj.edu). Thanks!

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# TST Train the Trainer Workshop

In the midst of summer heat and vacation season, NJMS Global Tuberculosis Institute (GTBI) offered its first Tuberculin Skin Test (TST) Train the Trainer course in several years. The 2-day course, *How to Teach Tuberculin Skin Testing: A Train the Trainer Workshop*, took place July 26-27th. Nine participants attended from five different states and a variety of occupational settings including a hospital, a military facility, and state and local TB programs. All participants had three things in common: all were nurses, all were experienced in administering and interpreting TSTs, and all were responsible for training others in this skill. The 2005 GTBI needs assessment identified TST training in many different settings as a high priority. It was also clear that nurses within TB Programs and other institutions with much TSTing experience lacked formal training on how to train others in this technique. The GTBI course was intended to fill that need.

The small group of nine nurses was ideal for this particular course, which is highly interactive and utilized the “teachback” training technique. In this approach participants learn about various training techniques and strategies, observe demonstrations where these skills are utilized, and then practice these skills by “teaching” the material back to others in the course. In this case, the material presented included principles of

adult learning and training techniques including how to teach TST administration and interpretation. Each participant had an opportunity to practice these skills in small groups by delivering segments of a TB 101 lecture, and—in a very highly rated activity—teaching nursing and physician assistant students how to administer and interpret TSTs. During these activities course participants first instructed students in

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**The course also included segments on the logistics of designing a TST training activity, techniques for providing feedback, and effectively using evaluation data.**

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how to administer TSTs and then provided guidance and feedback while the students practiced this skill on volunteers from the GTBI staff. Course participants also provided feedback as the students read TST reactions using artificial arms and counseled patients about the significance of the test results and follow up measures required.

In addition to teaching training skills, the course also included segments on the logistics of designing a TST training activity, techniques for providing feedback, and effectively using evaluation data. Participants were

provided a copy of the recently updated NJMS GTBI resource *Mantoux Tuberculin Skin Testing Training Guide*, which includes detailed and updated information on planning and conducting TST training, including resources and sample agendas.

This course benefited tremendously from the skill and diverse experience of both participants and faculty. The formal instructors and facilitators came from GTBI, Charles P. Felton National Tuberculosis Center (a partner in the Northeastern Regional Training and Medical Consultation Consortium) and the New York City Department of Health and Mental Hygiene Bureau of Tuberculosis Control. The evaluations revealed that participants were very satisfied with the course. All participants anticipated making changes to their practice as a result of the course. Some anticipated changes included using tools provided at the course such as checklists as well as using surveys and pretests to assess knowledge and skills prior to training. Major strengths of the course identified by participants included the “teachback” methods, having a diverse group of skilled instructors, and the focus on teaching and hands on skills. Since this was the first time the course had been given utilizing the teachback methodology we were very interested in suggestions to improve the course. Suggestions included tighter organization for the TST administration and reading activities, and perhaps shortening the time allotted for these sessions. We plan on implementing these suggestions when we offer the course in 2008. In the meantime, several participants have already told us that they are in the process of planning TST trainings using the skills and techniques they learned at the workshop!

For further information on this course and about the “teachback” training method, contact DJ McCabe at 973-972-0978 or [mccabedj@umdnj.edu](mailto:mccabedj@umdnj.edu).

*Submitted by Nisha Ahamed, MPH, CHES  
Director, Education & Training Section  
NJMS Global TB Institute*

## Dear Colleague

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[jsegerson@tbcoalition.com](mailto:jsegerson@tbcoalition.com).

This issue features a Tuberculin Skin Test Train the Trainer Workshop held in July. This highly interactive course utilized the “teachback” training technique which was highly rated by the nine nurse participants. Attendees received the recently updated NJMS GTBI resource *Mantoux Tuberculin Skin Testing Training Guide*. Based on their attendance at this Workshop, many participants are already planning TST training courses in their own areas.

This issue also features the history and accomplishments of the NE RTMCC Advisory Council which was created earlier this year. This geographically and professionally representative group of experts provides guidance and feedback in order to improve the services of GTBI and its partners.

I look forward to our continued collaboration to prevent and control TB in the Northeastern Region.

*Lee B. Reichman, MD, MPH  
Executive Director  
NJMS Global Tuberculosis Institute*

# Advisory Council for the Global Tuberculosis Institute's Northeastern RTMCC

On February 13th, 2007 the Advisory Council for the Northeastern Regional Training and Medical Consultation Consortium (NE RTMCC) met for the first time. The concept for the Advisory Council was initially raised at the 2006 Northeastern TB Controllers Meeting, after which GTBI staff contacted each TB program for volunteers. The Advisory Council is comprised of 9 members, each representing their project area, as well as several NE RTMCC staff, both GTBI and its partners. Membership is voluntary and our goal is to include members that bring diversity with regard to discipline, geography and incidence. Present members represent TB Controllers, Program Managers, Nurse Consultants and TB Training and Education Focal Points; come from all corners of our region; and reflect high

medium, and low incidence areas. The purpose of the Council is to provide guidance and feedback on the training programs, educational products, and medical consultation activities of the RTMCC. Conference calls are scheduled to occur on a quarterly basis, throughout the year.

At our first meeting (conference call) we took the opportunity to discuss our mutual expectations as well as identify several issues for further exploration. Scheduled times for web-based seminars was one such topic identified and, after a survey of project areas in our region, it was determined that the present time (late morning mid-week) was convenient for most areas. However, participants were most pleased that the web-based seminars could be accessed with reasonable ease and in a timely manner. A second call

took place May 11th at which council members provided input towards developing the 2008 Workplan and recommendations for the agenda for the RTMCC breakout session at the National TB Controller's Meeting. The Council also provides a forum for discussion of new ideas and another avenue for ensuring ongoing communication.

We are very excited about the input of this geographically and professionally representative group of experts in TB Control, and look forward to implementing their suggestions to further improve the training and medical consultation services we provide in the region.

*Submitted By Eileen Napolitano  
Deputy Director  
NJMS Global Tuberculosis Institute*

## NJMS GLOBAL TUBERCULOSIS INSTITUTE NORTHEASTERN RTMCC ADVISORY COUNCIL ROSTER – 2007

Name	Title	Project Area
Cathy Goldsborough, RN	Nurse Consultant	Maryland
Sue Etkind, RN, MS	Director, TB Prevention and Control	Massachusetts
Mark Lobato, MD	CDC Consultant	New England
Lisa Roy	Training Focal Point	New Hampshire
Karen Galanowsky, RN, MPH	Nurse Consultant	New Jersey
Diana Nilsen, MD	Medical Director	New York City
Noelle Howland, RN, MS	Training Focal Point	New York State
Maureen Murphy, RN	Program Manager	Ohio
Pending replacement	Training Focal Point	Pennsylvania
Erin Howe, MPH	Health Educator	RTMCC
Paul Colson, Ph.D	Program Director, CPF NTBC	RTMCC

*Conveners at the NJMS Global Tuberculosis Institute:*

*Lee B. Reichman, MD, MPH, Executive Director*

*Eileen Napolitano, Deputy Director*

*Nisha Ahamed, Program Director Education and Training*

# Upcoming NE RTMCC Training Courses

(CLICK ON NAME OF COURSE FOR DETAILS)

NAME OF COURSE	TARGET AUDIENCE	DATE(S)	LOCATION
<a href="#">Effective Lab-Program Partnerships: Obtaining Powerful Results</a>	Health care workers in TB programs	October 11	National Web-Based Seminar sponsored by the Southeastern National TB Center
Outreach Workers Update	Disease investigators	October 16	Massachusetts
<a href="#">TB Intensive Workshop</a>	Physicians, nurses, and TB control staff	October 23-25	Newark, NJ
<a href="#">Effective TB Interviewing and Contact Investigation Workshops (Workshop 1)</a>	Disease investigators and public health nurses	October 23-24	Geneva, NY
<a href="#">Effective TB Interviewing and Contact Investigation Workshops (Workshop 2)</a>	Disease investigators and public health nurses	October 25-26	Kingston, NY
<a href="#">Effective TB Interviewing and Contact Investigation Workshop</a>	Disease investigators and public health nurses	November 15	Wye Mills, MD
<a href="#">TB Case Management and Contact Investigation for Nurses Course</a>	Nurse case managers	November 28-29	Westampton, NJ
<a href="#">HIV/TB</a>	Health care workers in TB and HIV programs	November date TBD	National Web-Based Seminar sponsored by the Heartland National TB Center

## TB Medical Consultation

### Medical Consultation Services:

NE RTMCC physicians respond to requests from providers seeking medical consultation through:

Our toll-free TB Infoline:  
1-800-4TB-DOCS and Email:  
<http://www.umdnj.edu/globaltb/emailform.htm>

During each consultation, the NE RTMCC physicians will advise providers of TB Program resources for consultation in their jurisdiction. In addition, TB programs will be informed of TB cases with public health implications.

### MEDICAL CONSULTANT WEB-BASED GRAND ROUNDS

Every other month, designated TB program medical consultants are invited to participate in a web-based TB case conference (or grand rounds). Consultants are encouraged to present challenging TB cases on which they would like feedback from their colleagues throughout the Region. The next conference is scheduled for November 20 at 4:00 p.m. TB program medical consultants who would like to present a case should contact Dr. Alfred Lardizabal at 973-972-8452 or [lardizaa@umdnj.edu](mailto:lardizaa@umdnj.edu).

# Upcoming TB Program Training Courses

TB PROGRAM SPONSOR	NAME OF COURSE	TARGET AUDIENCE	TARGET AREA	DATES	LOCATION	CONTACT PERSON
MD	Maryland TB, Refugee & Migrant Health Annual Meeting	Health care providers in TB, refugee & migrant health	MD	Oct. 4	Clarksville	Arlene Hudak 410-767-6698
WV	Sharpening Your TB Skills	Public Health Nurses	WV Eastern Panhandle	Oct. 25	Hampshire County Health Department, Augusta WV	Carmen Priddy or Barbara Simpkins 304-558-3669 <a href="mailto:carmenpriddy@wvdhhr.org">carmenpriddy@wvdhhr.org</a> <a href="mailto:barbarasimpkins@wvdhhr.org">barbarasimpkins@wvdhhr.org</a>
NH	TB: Recent Advances for an Ancient Disease (Tentative Title)	Health care providers	NH & Surrounding States	Oct. 29	Southern NH Medical Center Nashua, NH	<a href="mailto:Lisa.b.roy@dhhs.state.nh.us">Lisa.b.roy@dhhs.state.nh.us</a> 603-271-4492
MI	Tuberculin Skin Test—Train the Trainer	TST Trainers	MI & Vicinity	Nov. 6	Lansing	Gail Denkins <a href="mailto:Denkinsg@michigan.gov">Denkinsg@michigan.gov</a> <a href="http://www.michigantb.org">www.michigantb.org</a> (train scheduling)
WV	2007 West Virginia Conference on Infectious Diseases	All interested health care professionals	WV	Nov. 15 & 16	Charleston Marriott Town Center, 200 Lee St. E. Charleston WV	304-345-9051 <a href="mailto:community.liaisons@camc.org">community.liaisons@camc.org</a>
NYC	Tuberculin Skin Test Administration	Non HD nurses & other health care providers	NYC & Vicinity	Dec 11 & 13	80 Centre Street NYC	212-676-2914 <a href="mailto:rsanon@health.nyc.gov">rsanon@health.nyc.gov</a>
MD	TB Skin Testing	Licensed Clinicians	MD	TBD	TBD	Arlene Hudak 410-767-6698



## What's New

### LTBI Card Updated to Reflect QuantiFERON Results

This wallet-sized card provides LTBI patients with a permanent record of their tuberculin skin test or QuantiFERON results, chest x-ray results, and treatment status. Patients can carry the card at all times and show it whenever they are seen by a new healthcare provider. This card is available in PDF format and MS Word and is in multiple languages. This updated product can be accessed at the NJMS Global TB Institute website:

<http://www.umdnj.edu/globaltb/products/lbicard.htm>

### Updated Mantoux Tuberculin Skin Testing Training

**Guide** This training manual includes materials on TB fundamentals and administration, reading, and interpretation of the Mantoux tuberculin skin test. It provides the methodology for training and educating staff. The manual includes lecture materials and teaching strategies for individual/group training, in addition to course participant materials. This product can be accessed at the NJMS Global TB Institute website:

<http://www.umdnj.edu/globaltb/products/mantoux.htm>

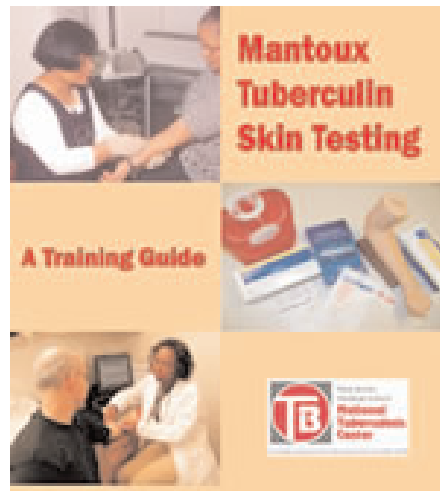
**Multidrug-Resistant Tuberculosis (MDR TB) and Extensively-Drug Resistant (XDR) TB: A Web-based Seminar** This web-based seminar was originally held on August 17, 2007 by the Division of Tuberculosis Elimination, Centers for Disease Control and Prevention (CDC) in joint sponsorship with the Francis J. Curry National Tuberculosis Center, Heartland National Tuberculosis Center, Southeastern National Tuberculosis Center, and the New Jersey Medical School Global Tuberculosis Institute. This seminar can be view (and associated slides downloaded) at the following website:

<http://www.cdc.gov/tb/CE/mdrandxdrtb/default.htm>

### Tuberculosis Information for Employers in Non-Healthcare Settings

In September 2007, CDC's Division of TB Elimination published a 2-page fact sheet which provides basic information on the difference between LTBI and TB disease, how TB is transmitted, and how the local TB program can assist in a contact investigation. This can be accessed in HTML or PDF format at: [http://www.cdc.gov/tb/pubs/tbfactsheets/nonhealthcare\\_employers.htm](http://www.cdc.gov/tb/pubs/tbfactsheets/nonhealthcare_employers.htm)

**Tuberculosis in the US 2006 Surveillance Slide Set** In September 2007, CDC's Division of TB Elimination published this slide set which provides trends for the recent past and highlights from data collected through the National Tuberculosis Surveillance System for 2006. This slide set can be accessed at: <http://www.cdc.gov/tb/pubs/slidesets/surv/surv2006/default.htm>



Name:	DOB:		
TST	mm induration	Date Read:	
QFT	<input type="checkbox"/> Pos <input type="checkbox"/> Neg <input type="checkbox"/> Indeterminate	Date:	
Chest X-Ray Date:		<input type="checkbox"/> Normal <input type="checkbox"/> Abnormal (Stable)	
Treatment Completed:	<input type="checkbox"/> Yes <input type="checkbox"/> No (Contact Provider)		
Name of Drug(s):	_____		
Started:		Stopped:	
Provider Name:	_____		
Signature:	Phone: (	)	_____






**Trends in Tuberculosis, 2006 Fact Sheet** CDC's Division of TB Elimination recently published this 2-page fact sheet which summarizes data from the latest surveillance report, "Reported Tuberculosis in the United States, 2006". The fact sheet can be accessed at:

<http://www.cdc.gov/tb/pubs/tbfactsheets/Trends.pdf>

**The TB Infection Control Manual** The Curry National TB Center (CNTC) has recently published this Manual which will help health care providers implement effective infection control practices in clinics, airborne infection isolation rooms, emergency departments, and homeless shelters. Five of CNTC's existing infection control products have been revised and combined to create this new manual, updated to reflect the CDC's 2005 *Guidelines for Preventing the Transmission of Mycobacterium tuberculosis in Health-Care Settings*. This easy-to-use resource can be assessed at: [http://www.nationaltbcenter.edu/TB\\_IC/](http://www.nationaltbcenter.edu/TB_IC/) and is also available as a printed book, and on CD-ROM

# Match the Artist with the Bio Sketch

Many famous artists suffered from and likely died from tuberculosis. Others were deeply affected by seeing family members or close friends ravaged by this disease. Still others were obsessed with the languid beauty of their emaciated tuberculous models.

ARTIST	BIO SKETCH	SAMPLE PAINTING
Edward Munch	1525(?) - 1569(?) A Flemish Renaissance painter, he is well-known for painting popular scenes, with the desire to deliver a universal message. Although he is believed to have died from TB, nothing of his own sickness comes through in his work.	<a href="#">Proverbs</a> 
Jean-Antoine Watteau	1884-1920 Born in Italy, he moved to Paris in 1906 where he died at the age of 35 of tubercular meningitis, exacerbated by poverty, overworking and an excessive use of alcohol and narcotics. This famous self-portrait, completed a year before his death, shows the thinness of his face which may have been due to the effects of TB.	<a href="#">Self Portrait</a> 
Pieter Bruegel	1863-1944 Born in Norway, he lost his mother to tuberculosis when he was only 5 and his favorite sister when he was age 14. Obsessed with these events, much of his work explored the themes of love, fear, death, and melancholy. Between 1892 and 1908, he spent much of his time in Paris and Berlin. After 1910, he remained in Norway.	<a href="#">The Scream</a> 
John Everett Millais	1684-1721 A French painter, he moved to Paris in about 1702 when he first began suffering from the symptoms of TB. It was said that when he began to paint, his sombre, angry mood disappeared and he assumed the attributes of his paintings: amiable, tender, and pastoral.	<a href="#">Einschiffung nach Kythera</a> 
Amedeo Modigliani	1917- Born in rural Pennsylvania and summering in Maine, he was tutored at home during his childhood and adolescence due to a "sinus condition" later diagnosed as TB. Of this portrait, he commented, "I felt the loneliness of that figure—perhaps the same that I felt myself as a kid."	<a href="#">Christina's World</a> 
Andrew Wyeth	1829-1896 Born to a prominent family in England, he formed the Pre-Raphaelite brothers with William Hunt and Dante Gabrielle Rossetti. In this painting, he is suspected of aggravating his model's TB by forcing her to pose in a bath of cold water. Many artists of this period preferred tuberculous models.	<a href="#">Ophelia</a> 

Adapted from information obtained from Jacques Chretien's *Tuberculosis: The Illustrated History of a Disease*, and Wikipedia.

# Other TB Resources

## DIVISION OF TUBERCULOSIS ELIMINATION

The mission of the Division of Tuberculosis Elimination (DTBE) is to promote health and quality of life by preventing, controlling, and eventually eliminating tuberculosis from the United States, and by collaborating with other countries and international partners in controlling tuberculosis worldwide.

<http://www.cdc.gov/tb/>

## TB EDUCATION AND TRAINING RESOURCES WEBSITE

This website is a service of the Centers for Disease Control and Prevention (CDC), Division of Tuberculosis Elimination. It is intended for use by TB and other healthcare professionals, patients, and the general public and can be used to locate or share TB education and training materials and to find out about other TB resources.

<http://www.findtbresources.org/scripts/index.cfm>

## TB EDUCATION & TRAINING NETWORK (TB ETN)

The TB Education and Training Network (TB ETN) was formed to bring TB professionals together to network, share resources, and build education and training skills.

<http://www.cdc.gov/tb/TBETN/default.htm>

## TB-RELATED NEWS AND JOURNAL ITEMS WEEKLY UPDATE

Provided by the CDC as a public service, subscribers receive:

- A weekly update of TB-related news items
- Citations and abstracts to new scientific TB journal articles
- TB conference announcements
- TB job announcements

To subscribe to this service, visit:

[http://www.cdcnpin.org/scripts/listserv/tb\\_update.asp](http://www.cdcnpin.org/scripts/listserv/tb_update.asp)

## TB BEHAVIORAL AND SOCIAL SCIENCE LISTSERV

Sponsored by the DTBE of the CDC and the CDC National Prevention Information Network (NPIN), this Listserv provides subscribers the opportunity to exchange information and engage in ongoing discussions about behavioral and social science issues as they relate to tuberculosis prevention and control.

[http://www.cdcnpin.org/scripts/listserv/tb\\_behavioral\\_science.asp](http://www.cdcnpin.org/scripts/listserv/tb_behavioral_science.asp)

## NEW ENGLAND TUBERCULOSIS PREVENTION AND CONTROL WEBSITE

At the beginning of 2005, the six New England TB Programs joined together to promote a regional approach to TB elimination. This web site represents a step toward building collaboration, exchanging experiences and practices, and enhancing program capacity. The web site can be accessed at

<http://www.newenglandtb.org/>

## OTHER RTMCCS

**The Francis J. Curry National Tuberculosis Center** serves: Alaska, California, Colorado, Hawaii, Idaho, Montana, Nevada, Oregon, Utah, Washington, Wyoming, Federated State of Micronesia, Northern Mariana Islands, Republic of Marshall Islands, American Samoa, Guam, and the Republic of Palau. <http://www.nationaltbcenter.edu>

**The Heartland National Tuberculosis Center** serves: Arizona, Illinois, Iowa, Kansas, Minnesota, Missouri, New Mexico, Nebraska, North Dakota, Oklahoma, South Dakota, Texas, and Wisconsin. <http://www.heartlandntbc.org>

**The Southeastern National Tuberculosis Center** serves: Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee, Virginia, Puerto Rico, and the U.S. Virgin Islands. <http://sntc.medicine.ufl.edu/>