WELCOME TO
NEUROLOGY
AT ALBANY MEDICAL CENTER
Albany Medical Center

- Only academic health sciences center in the 25 counties of eastern New York and western New England
- 651 beds (includes SCC)
- 2011:
  - Admissions - 33,913
  - Outpatient Visits - 535,515
  - Emergency Dept. visits – 68,121
Albany Medical Center

- 17 bed Surgical ICU
- 16 bed Medical ICU
- 12 bed dedicated Neurological ICU
- 21 bed Pediatric ICU
- 40 “bed” Neonatal ICU
- D5E: 24 bed ward for Neurosurgery/Neurology
  - 8 bed neuro step-down unit
- C5: 26 bed ward for NSGY/plastics/ortho
  - 10 bed spine unit
- C7: 6 bed inpatient epilepsy monitoring unit
This expansion project will result in:

- Increase of total beds from 631 to 714, including:
  - 20 additional operating room suites
  - 60 additional medical/surgical beds
  - 6 new and 50 replacement neonatal intensive care unit beds
  - 30 additional adult intensive care unit beds
  - 2 additional pediatric intensive care unit beds
  - 48 additional prep/recovery, and 23-hour stay stations
  - 26 additional recovery room stations
EXPANSION AT AMC

BEFORE:
EXPANSION AT AMC

AFTER:
ACHIEVEMENTS & AWARDS

- Albany Medical Center has earned the Joint Commission's Gold Seal of Approval for being a JCAHO accredited institution with an advanced certification in stroke care. The Medical Center is one of only 13 health care institutions in New York State to hold this distinction.

- The Joint Commissions Certificate of Distinction for Primary Stroke Centers recognizes centers that make exceptional efforts to foster better outcomes for stroke care. Achievement of certification signifies that the services provided by the health care institution have critical elements to achieve long-term success in improving outcomes.

- Albany Med's Stroke program is the first in the region to receive dual certification by the Joint Commission on Accreditation of Healthcare Organizations (JCAHO) and designation as a State Stroke Center by the NYS Department of Health.

- Stroke team first to introduce clot-busting MERCI device that can extend the treatment window for stroke by up to three hours.
ACHIEVEMENTS & AWARDS (cont)

- Albany Med's Epilepsy Program became one of just six state programs to earn the National Association of Epilepsy Centers prestigious Level 4 designation.

- The Alzheimer's Center at Albany Med takes part in a $60 million nationwide initiative to treat and cure Alzheimer's.
WHO ARE WE?
NEUROLOGY FACULTY AT AMC

Adult Neurology
Michael Gruenthal, MD, PhD - Chairman

- Medical School – U. North Carolina
- Other: PhD, Washington University;
- Post-doctoral Fellowship – Epilepsy - Duke University
- Residency – University of Louisville
- Board Certified – ABPN
- Special Interests: Epilepsy
COLUM AMORY, MD, MPH – Program Director

- Medical School: Albany Medical College
- Residency: Mt. Sinai School of Medicine
- Fellowship: Stroke – Mt. Sinai School of Medicine
- Board certification: ABPN (Neurology and Vascular Neurology)
- Special interests: Management of Stroke
GENERAL NEUROLOGY
Mary Ann McKee, MD

- Medical School: University of Toronto
- Residency: Columbia University
- Fellowship: Neurogenetics - Warren G. Magnuson Clinical Center, Bethesda, MD
PAIN MEDICINE
CHARLES ARGOFF, MD

- Medical School: Northwestern Univ.
- Residency: SUNY Stony Brook
- Fellowship: Fellowship, Development and Metabolic Neurology NIH/NINDS
- Board certification: ABPN, American Board of Pain Medicine
- Special interests: Botox in the management of chronic pain; diabetic peripheral neuropathic pain.
VASCULAR NEUROLOGY
GARY BERNARDINI, MD, PhD

• Medical School: U. Texas at Southwestern Medical Center
• Residency: NY Hospital/Cornell U. Medical Center (Neurology)
• Fellowship: Columbia U. College of P&S (neurologic critical care)
• Board Certified: ABPN (Neurology & Vascular Neurology)
• Special Interests: Stroke, Cerebrovascular disease
CHILD NEUROLOGY
CHARLES NICHTER, MD

- Medical School: Temple University
- Residency: Pediatrics – Children’s Hospital of Buffalo; Neurology – Columbia Presbyterian Medical Center.
- Fellowship: Developmental Pediatrics – Children’s Hospital of Pittsburgh, John F. Kennedy Institute, Baltimore.
- Board Certification: ABPN and American Board of Pediatrics.
Karen Powers, MD

- Medical School: St. George’s University
- Residency: Neurology and Pediatrics – Albany Medical Center
- Fellowship: Pediatric Neurology – Virginia Commonwealth University
NEUROMUSCULAR DISEASE
ROSE DOMINGO, MD

- Medical School: St. George’s
- Residency: Albany Medical Center
- Fellowship: Neuromuscular Disease – Cleveland Clinic
- Board Certified: ABPN
MATTHEW MURNANE, MD,

Medical School: Albany Medical College
•Residency: Rhode Island Hospital/Brown University
•Fellowship: Rhode Island Hospital/Brown University (electromyography/neuromuscular disease)
•Board Certified: ABPN, ABPN with special qualification in clinical neurophysiology; Am. Brd. Electrodiagnostic Medicine
•Special Interests: Muscle disease
JAMES WYMER, MD, PhD

- Medical School: University of Maryland
- Residency: University of Rochester
- Fellowship: Neuromuscular Disease – U. Rochester
- Board Certified: ABPN and AB Electrodiagnostic medicine
- Special interests: neuromuscular diseases, electrodiagnostic medicine, and sleep disorders
EPILEPSY
ANTHONY RITACCIO, MD

• Medical School: Albany Medical College
• Residency: Albany Medical Center (Neurology)
• Fellowship: U. Pittsburgh Epilepsy Center (Epilepsy and Neurophysiology)
• Board Certified: American Board of Psychiatry & Neurology
• Special interests: Epilepsy, seizure disorders
TIMOTHY LYNCH, MD

- Medical School: Brown University
- Residency: Washington U. School of Med.
- Fellowship: Epilepsy; EMG/NCS – Washington U. School of Medicine
- Special Interests: Epilepsy, EEG monitoring
BRIDGEND FRAWLEY, MD

- Medical School: Albany Medical College
- Residency: Albany Medical College
- Fellowship: Clinical Neurophysiology (AMC)
- Board Certified: ABPN, Neurophys.
- Special Interests: Medical and Surgical management of Epilepsy and other seizure disorders
BEHAVIORAL NEUROLOGY
EARTH ZIMMERMAN, MD

• Medical School: U. Pennsylvania School of Medicine
• Residency: Presbyterian Hospital (Internal Medicine)
  Neurological Institute of NY (Neurology)
• Fellowship: Columbia University College of P&S (neuroendocrinology)
• Board Certified: ABPN (Neurology)
• Special Interests: Alzheimer’s Disease, behavioral neurology, neuroendocrinology, general neurology
DZINTRA CELMINS, MD

- Medical School: Riga Medical Institute (Latvia)
- Residency: Albany Medical Center (Neurology)
- Fellowship: Movement Disorders/Behavioral Neurology, Albany Medical Center
- Board Certification: ABPN
- Special interests: Alzheimer’s, Parkinson’s disease
MOVEMENT DISORDERS
ERIC MOLHO, MD

• Medical School: Albany Medical College
• Residency: Albany Medical Center (Neurology)
• Fellowship: Albany Medical Center (Movement Disorders)
• Board Certified: ABPN
• Special Interests: Parkinson’s disease, dystonia, movement disorders
Adolfo Zamora-Ramirez, MD

- Medical School: Universidad Autonoma De Guadalajara
- Residency: Loyola University of Chicago
- Fellowship: Movement Disorders, University of California-San Francisco
- Board Certified: ABPN
- Special Interests: Parkinson’s disease, tremor, dystonia, deep brain stimulation
Era Hanspal, MD

- Medical School: SUNY Upstate
- Residency: Thomas Jefferson U.
- Fellowship: Movement Disorders, Columbia U.
- Board Certified: ABPN
- Special interests: Parkinson’s disease, hemifacial spasm, writer's cramp.
DONALD HIGGINS, JR., MD
Chief, Neurology Service – VA Medical Center

• Medical School: SUNY Stony Brook
• Residency: U. Michigan (Neurology)
• Fellowship: U. Rochester (Movement and inherited neurologic disorders)
• Board Certified: ABPN
• Special Interests: Huntington’s Disease, Tourette Syndrome, Parkinson’s disease, movement disorders
ARNULF KOEPPEN, MD

• Medical School: University of Goettingen, Germany
• Residency: Montefiore Hospital & Medical Center (Bronx) & Northwestern University School of Medicine
• Fellowship: Neuropathology and Neurochemistry
• Board Certified: Neurology and Neuropathology
• Research Focus: Normal and pathological brain iron; hereditary ataxia
RICHARD TOMASULO, MD

• Medical School: U. Of Miami
• Residency: U. of Maryland
• Fellowship: U. of Maryland (Electromyography/Neuromuscular Disease)
• Board Certification: ABPN
• Research Focus: Electrophysiology of the Hippocampus
Farrukh Shaikh, MD

Medical School: Liaquat Medical University (Pakistan)
- Residency: Neurology – Medical University of South Carolina.
- Fellowship: Clinical Neurophysiology – U. South Carolina
NEUROLOGY HOUSESTAFF 2012-2013

PGY 4

- Amber Mitchell, MD (Co-Chief)
- Harsha Nagaraja, MD (Co-Chief)
- Chrystal Reed, MD, PhD
- Xianping Zhou, MD, PhD

PGY 3

- Katie Warren, DO
- Hami Ramani, DO
- Fumin Tong, MD, PhD
- Olha Taraschenko, MD, PhD

PGY 2

- Laura Risley, MD
- Shawna Suchecki, DO
- Yefim Cavalier, DO
- Warren Zeigler, DO
WHAT HAVE WE ACHIEVED?
STROKE

- Fellowship-trained stroke neurologists and comprehensive stroke team
- Kenneth & Thelma P. Lally 8 bed Stroke Unit
- AGME accredited fellowship in vascular neurology
- Fellowship in Stroke/Neurocritical Care/Endovascular Neurosurgery
- Edith Hellman Chair in Cerebrovascular Disease
- Herman and Sunny Stall Chair in Endovascular Neurosurgery
- Designated as Top 100 Stroke Hospitals by HCIA-SACHS Institute
- Special certification from the [Joint Commission](https://www.jointcommission.org) and from the New York State Department of Health, as well as honors and awards from the [American Stroke Association](https://www.strokeassociation.org).
ALZHEIMER'S DISEASE

- The New York State Health Department has designated the Alzheimer's Center of Albany Med as the Capital Region’s Alzheimer’s Disease Assistance Center (ADAC) and awarded nearly $450,000 in state funding over a five-year period. Albany Med is one of only nine ADACs in New York State.

- Comprehensive 4 year research plan incorporating scientists/clinicians from GE, SUNY, RPI, Wadsworth, NEH, VA, Bennington Memory Clinic

- A gift from the family of Anne B. Goldberg helped create an Alzheimer’s Resource Center in order to provide advanced care management and educational programs to patients with this debilitating illness.

- Fellowship in Behavioral neurology
MOVEMENT DISORDERS

- All faculty are fellowship trained in movement disorders.
- Surgical treatment program including thalamic deep brain stimulation
- Endowed Chairs: Riley Family Chair and $1.25 million endowment for the Phyllis Dake Fellowship and Chair
- Hired AMC’s first physician/scientist
- Introduced genetic counseling services and neuropsychology
- Parkinson’s study group…21 active studies, 6 funded grants and 45 industry-funded grants
- Movement disorders fellowship program
• Epilepsy Management Unit (EMU), a 6-bed inpatient unit specially designed to evaluate, diagnose and treat seizures in patients of all ages. A recent renovation has ensured the most advanced monitoring experience available today, including wireless brainwave recording.

• Active program, in conjunction with neurosurgery, for the implantation of vagus nerve stimulators in patients with intractable epilepsy

• EEG at AMC is one of only 77 accredited labs in the U.S. and one of only 3 in New York State.

• $1.36 million grant from the United States Department of Defense to study brain-computer interface (BCI) technology.

• ACGME accredited fellowship in clinical neurophysiology

• Ongoing Phase II and III studies of new medications
RESEARCH

- Translational breakthroughs
  - Discovery of stem cells in the CNS
  - New medications for pain, drug addiction, new treatments for stroke,
    new medications for schizophrenia, depression and eating disorders

- The Healthy Aging and Alzheimer's Research Program is one of the
  country's leading collaborations studying new diagnostic and treatment
  options for people with Alzheimer's disease and other neurological disorders

- Research focusing on mechanisms and treatment of schizophrenia,
  Parkinson's Disease, Huntington's Disease, Alzheimer's, eating disorders,
  stroke, substance abuse and spinal cord injury through the AMC Center for
  Neuropharmacology & Neuroscience.

- Drs. Anthony Ritaccio and Gerwin Schalk successfully developed and
  demonstrated a new brain mapping procedure that could more precisely
  define critical areas of the brain for neurosurgical procedures.
Albany – A beautiful city!
Cost of Living Calculator

This Cost of Living Calculator allows individuals to calculate the cost of living index comparing the Albany Metropolitan Statistical Area to other regions across the United States. It is considered the most reliable source of region-to-region quarterly comparisons of key consumer costs and is referenced in the Census Bureau’s Statistical Abstract of the United States. The Index measures relative price levels for consumer goods and services in participating areas.

The Capital District Regional Planning Commission, the Albany-Colonie Regional Chamber of Commerce, the Chamber of Schenectady County and the Center for Economic Growth have partnered to provide the ACCRA Cost of Living Index Calculator created by the Council for Community and Economic Research.

Data for the Capital Region is collected quarterly by graduate students enrolled in the Department of Geography and Planning at the University at Albany. The methodology, data requirements and parameters of the data collected are consistent nationwide in order to assure comparability among the participating regions.

OLI Calculator Result

Based on the Income that you entered, if you are earning $55,000.00 after tax in NY New York (Manhattan), the comparable after-tax income in NY Albany is $27,777.52. Below are the index values and average prices of two areas as well as the national average:

If you move from NY New York (Manhattan) to NY Albany

<table>
<thead>
<tr>
<th>Description</th>
<th>NY Albany</th>
<th>National</th>
</tr>
</thead>
<tbody>
<tr>
<td>Groceries will cost:</td>
<td>29.267%</td>
<td>less</td>
</tr>
<tr>
<td>Housing will cost:</td>
<td>70.794%</td>
<td>less</td>
</tr>
<tr>
<td>Utilities will cost:</td>
<td>34.975%</td>
<td>less</td>
</tr>
<tr>
<td>Transportation will cost:</td>
<td>13.928%</td>
<td>less</td>
</tr>
<tr>
<td>Health will cost:</td>
<td>15.978%</td>
<td>less</td>
</tr>
</tbody>
</table>
Albany

- **Albany** is the capital of the State of New York and the county seat of Albany County.
- 136 miles north of New York City, and slightly to the south of the juncture of the Mohawk and Hudson Rivers.
- 2 ½ hours to Boston.
- 3 hours to Montreal.
There are also plenty of great smaller cities and towns within close driving range of Albany:

- **Bennington, VT** - 40 miles (1 hour, 5 minutes)
  - Bennington Battle Monument
  - Covered bridges of Bennington County
  - Bennington Potters pottery & stoneware

- **Cooperstown, NY** - 75 miles (1 hour, 30 minutes)
  - National Baseball Hall of Fame and Museum
  - National Soccer Hall of Fame
  - Fenimore Art Museum

- **Hyde Park, NY** - 76 miles (1 hour, 30 minutes)
  - Vanderbilt Mansion
  - Home of President Franklin D. Roosevelt
  - Culinary Institute of America - America's premier 4 year culinary college

- **Lenox, MA** - 44 miles (55 minutes)
  - Tanglewood Music Festival - Summer home of the Boston Symphony Orchestra and a variety of additional musical and performance artists

- **Saratoga Springs, NY** - 30 miles (40 minutes)
  - Saratoga Spa State Park
  - Saratoga Performing Arts Center (SPAC)
  - Saratoga Race Track - Horse racing

- **Woodstock, NY** - 53 miles (1 hour, 15 minutes)
  - Woodstock Arts Fest
Albany awards

- *Forbes* ranked Albany the 18th best place to live and do business (2006)
- *Forbes* ranked Albany the 30th best place for work (2006)
- Albany ranked among the 25 strongest housing markets in the US during the toughest economic conditions of 2008
Albany awards

- MSN Money named Albany-Schenectady-Troy as the seventh fastest-growing region that is still inexpensive (2005)
- *Popular Science* named Albany among its top cities for technology (2005)
Climate

- Cold, snowy winters and hot summers
- Annual snowfall about 63 inches

<table>
<thead>
<tr>
<th>Month</th>
<th>Jan</th>
<th>Feb</th>
<th>Mar</th>
<th>Apr</th>
<th>May</th>
<th>Jun</th>
<th>Jul</th>
<th>Aug</th>
<th>Sep</th>
<th>Oct</th>
<th>Nov</th>
<th>Dec</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rec High °F</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Norm High °F</td>
<td>31.1</td>
<td>34.3</td>
<td>44.5</td>
<td>57.3</td>
<td>69.8</td>
<td>77.5</td>
<td>82.2</td>
<td>79.7</td>
<td>71.3</td>
<td>59.7</td>
<td>47.5</td>
<td>36</td>
</tr>
<tr>
<td>Norm Low °F</td>
<td>13.3</td>
<td>15.7</td>
<td>25.4</td>
<td>35.9</td>
<td>46.5</td>
<td>55</td>
<td>60</td>
<td>58.3</td>
<td>49.9</td>
<td>38.8</td>
<td>30.8</td>
<td>20.1</td>
</tr>
<tr>
<td>Precip inch</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Albany Med Joins City Of Albany
In Homeownership Incentive

Albany Med president Jim Barba joined the City of Albany to announce an incentive to assist employees looking to purchase a home in Albany. The Citywide Homebuyer Assistance Loan offers new homebuyers a zero percent interest rate loan for up to $15,000 toward down payment and closing costs. Combined with Albany Med's pre-existing $5,000 forgivable loan toward down payment and closing costs within targeted boundaries, the incentive is just one more example of the many ways Albany Med is supporting the revitalization of the Park South neighborhood.
LARK STREET

- **LARK FEST** - Albany's Premiere Street Festival
- **ART ON LARK** - Annual Albany Arts Festival
- **Champagne on the Park** - Lark Street's Neighborhood Ball
- **A Taste Of Lark** - Biannual Lark Street Restaurant Week
- **Winter WonderLARK** - Holiday Festival
- **1ST FRIDAY** - Downtown Albany Year-round Arts Night :: 1st Friday of every month
Albany has a diverse and lively nightlife that offers a variety of jazz clubs, wine bars, dance clubs and pubs. You can sip on wine and listen to classical music, grab a margarita and salsa dance, drink a latte with a good book, or just grab a beer with a few friends and chat the night away. No matter what you are in the mood for, you’ll find it in Albany!
Nightlife

- Pearl Street, Broadway and Lark Street now serve as the most commercially active entertainment areas in the City
- Last call is at 4:00 AM in Albany, unlike the earlier 2:00 AM in most areas of the nation
Performing Arts

- Times Union Center
- Palace Theater
- Proctor’s Theater
- The Egg
- Washington Park Playhouse
- Capital Repertory Theater
- Albany Symphony Orchestra
- New York State Theater Institute
- Washington Avenue Armory
Attractions

Albany's geographic situation as a "Crossroads City" (roughly equidistant between New York, Montreal, Buffalo, and Boston) also makes it a convenient stop for nationally touring artists and acts.
Attractions

- In recent years, the city's government has invested marketing and financial resources to cultivate venues and neighborhoods that can attract after-hours business, as well as public art installations.
Festivals

- Tulip Festival – set in Washington Park, marks the beginning of spring, is a celebration of Albany’s rich Dutch heritage, and draws both local and regional attendance.

- Lark Fest - annual community festival that includes painters, photographers, jewelers, sculptors, ceramicists, glass artists and live shows on several stages, attendance of 75,000 in 2011.
Festivals

- **Alive at Five** - concert series held downtown on Thursdays throughout the summer
- **Albany Jazz Festival** - at the end of summer every year in the Albany Riverfront, Park Amphitheater
Horse Racing
Philadelphia Orchestra
NYC Ballet
Sports

- New York Giants
  - Summer camp at University at Albany
Sports

- NCAA college athletic programs
  - University at Albany – Division I
  - Siena College – Division I
  - College of St. Rose – Division II
Sports

- Minor league professional teams
  - Albany Devils - AHL affiliate of the NJ Devils
Sports

- Minor league professional teams
  - Tri-City Valley Cats – New York-Penn League "short A" baseball, affiliate of the Houston Astros
LEISURE ACTIVITIES

- Downhill Skiing (Jiminy Peak, Gore, Windham & West Mountains < 1 hour from Albany).
- Cross-Country Skiing – all over!
- Golf – 1st class golf courses (public and private – too numerous to mention)
- Tennis
- Bike trails
- Rollerblading, ice skating
- Water parks
- Sailing, rowing
SHOPPING

- Crossgates Mall
- Colonie Center
- Stuyvesant Plaza
- Latham Circle Mall
- Wolf Road Shopper’s Park
- Lark Street Boutiques
- Northway Mall
Restaurants

- American
- Italian
- French
- Chinese
- Japanese
- Vietnamese
- Lebanese
- Greek
- Indian
- Indonesian
- Thai
- Mongolian
- Mediterranean
- Afghan
SO WHY CHOOSE ALBANY???

- Excellent program with dedicated faculty committed to the education of our residents.
- Faculty:resident ratio allows for in-depth teaching, supervision, interaction and exchange of ideas.
- Opportunities for fellowship training in clinical neurophysiology, movement disorders, vascular and behavioral neurology.
- Excellent quality of life: reasonable cost of living, good schools, no traffic, conveniently located.
- Excellent restaurants, shopping, theater, concerts, sports and leisure activities.
The End