VANDERBILT UNIVERSITY MEDICAL CENTER
VA TENNESSEE VALLEY HEALTH SYSTEM

GERIATRIC PSYCHIATRY FELLOWSHIP TRAINING PROGRAM
Overview

• Vanderbilt University
• VU School of Medicine
• VU Medical Center
• VU Psychiatry Department
• VA TVHS Hospitals
• Geriatric Psychiatry Fellowship
• Living in Nashville
• Founded 1873
• Students:
  – 6,800 undergraduate
  – 5,900 graduate
• 10 schools, Top 20 in US News & World Report
• 4,700 fulltime faculty
• Students:
  – 444 MD, 99 MD/PhD
  – 548 PhD
  – 29 MSCI
• Ranks #14 in US News & World Report
• Top 10 in NIH funding (Over $300 Million)
• 2,800 fulltime faculty
> 97 ACGME accredited programs

Approx. 984 residents and fellows

Orientation: 300+ new house staff

VUMC: $2.9 billion annual enterprise
VU Department of Psychiatry and Behavioral Sciences

- Founded in 1947
- Current Faculty: 98 fulltime, 50 secondary, 77 voluntary
VU Department of Psychiatry

Growth since 2006:

• New faculty
  – 97 new faculty members
  – 8 tenure-track faculty
  – 6 tenured faculty
  – New space for laboratory research
  – New training opportunities (Fellowships, K-awards)
• Renovation of VPH (3,500 discharges; >85% occupancy)
  – Recent addition of inpatient unit on third floor
• Outpatient clinics (>60,000 outpatient visits)
Leadership & Training Staff

Stephan Heckers, MD, MSc.
Chair of Psychiatry

Warren Taylor, MD
Director, Geriatric Psychiatry Division
Training Director, Geriatric Psychiatry Fellowship

Patricia Serrano, MD
Assistant Training Director, Geriatric Psychiatry Fellowship

Shana Scanlin
Program Manager

Elizabeth Wilson
Associate Program Manager
Division Faculty

Paul Newhouse, MD
William Petrie, MD
Lili Sepassi, MD

Harry Gwirtsman, MD
Suzi Azzazy, MD
Shagufta Jabeen, MD
Geriatric Psychiatry Fellowship
Overall Program Goals

Our goal is to train the next generation of leaders in clinical and academic geriatric psychiatry.

The Geriatric Psychiatry Fellowship Program has been designed to enable fellows to be able to:

• Provide patient care that is compassionate, appropriate, and effective for the promotion of health and the management of psychiatric problems related to aging;

• Apply knowledge in the biomedical, clinical, epidemiological sciences and social-behavioral sciences to their care of patients;

• Pursue a career focused on clinical care, research or teaching, health care leadership, and as a scholarly practitioner.
Vanderbilt Medical Center
~656-bed Hospital~

Vanderbilt University Medical Center (VUMC) is a leader in medical education, research, and patient care throughout the Southeast and the nation over the course of its 134-year history. A tertiary referral center for physicians and patients throughout the region, Vanderbilt University Hospital (VUH) and The Vanderbilt Clinic (TVC) consistently rank among the premier health care facilities in the United States.
Vanderbilt Psychiatric Hospital
~88 + bed Hospital~

Vanderbilt Behavioral Health (VBH) offers individualized patient care through a wide array of connected services that provide each patient with the right psychiatric treatments for his or her needs. We serve patients from Nashville and the Southeast with emotional problems, depression, mood and personality disorders, anxiety and other problems.
Tennessee Valley VA Healthcare System
VA – Nashville

The Nashville campus offers primary, secondary and tertiary care to veterans living in middle Tennessee and Kentucky. TVHS is affiliated with Vanderbilt University School of Medicine and Meharry Medical College, with active residency programs in all major medical and surgical specialties and sub-specialties. In addition, the Nashville campus supports a vigorous research program of over $26 million annually.
The Alvin C. York Campus of the VA Tennessee Valley Healthcare System (TVHS) provides primary care and subspecialty medical, surgical, and psychiatric services to veterans. The campus provides long-term rehabilitation and nursing home care, and serves as a VISN 9 resource for the long-term inpatient care of psychiatric patients.
Major Inpatient Rotations

- Inpatient Geropsychiatry
- Inpatient Geriatric Psychiatry Consultation
- TVHS-VA Geriatric Extended Care (Long-Term Care Consultation)
- Palliative Care
- Geriatric Medicine
Major Outpatient Rotations

• Geropsychiatry Clinics — Village at Vanderbilt
  – Memory Disorder Clinic
  – Cognitive Neurology
  – Geriatric Mood Disorders
  – Continuity Clinic

• Veterans Affairs Medical Center
  – Single Provider Clinic (Nashville)
  – Multidisciplinary Clinic (Murfreesboro)

• Brain Stimulation Service
# First 6 months of Training

## Fellow 1

<table>
<thead>
<tr>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>Memory &amp; Aging Clinic (Newhouse)</td>
<td>Late-Life Depression Clinic (Taylor)</td>
<td>Elective</td>
<td>Dementia Clinic (MU-VA)</td>
<td>Geriatric Hospital Consultation (Nashville VA)</td>
</tr>
<tr>
<td>Lunch Break</td>
<td></td>
<td>Geriatric Didactics</td>
<td>Psychiatry Grand Rounds</td>
<td></td>
</tr>
<tr>
<td>Cognitive Neurology Clinic (Petrie)</td>
<td>Geriatric Continuity Clinic</td>
<td>VA Geropsych Clinic (Gwirtsman)</td>
<td>Geropsych Clinic (MU-VA)</td>
<td></td>
</tr>
</tbody>
</table>

## Fellow 2

<table>
<thead>
<tr>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>VBH Inpatient Geropsych</td>
<td>VBH Inpatient Geropsych</td>
<td>VBH Inpatient Geropsych</td>
<td>VBH Inpatient Geropsych</td>
<td>VBH Inpatient Geropsych</td>
<td>ECT / TMS</td>
<td></td>
</tr>
<tr>
<td>Lunch Break</td>
<td>Geriatric Didactics</td>
<td>Psychiatry Grand Rounds</td>
<td></td>
<td></td>
<td>Psychiatry Grand Rounds</td>
<td></td>
</tr>
<tr>
<td>Geriatric Continuity Clinic</td>
<td>VA Geropsych Clinic (Gwirtsman)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

*Geriatric Medicine and Palliative Care during this half of the year*
## Second 6 months of Training

<table>
<thead>
<tr>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>VBH Inpatient Geropsych</td>
<td>VBH Inpatient Geropsych</td>
<td>VBH Inpatient Geropsych</td>
<td>VBH Inpatient Geropsych</td>
<td>ECT / TMS</td>
</tr>
<tr>
<td>Lunch Break</td>
<td>Geriatric Didactics</td>
<td>Psychiatry Grand Rounds</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Geriatric Continuity Clinic</td>
<td>VA Geropsych Clinic (Gwirtsman)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>Memory &amp; Aging Clinic (Newhouse)</td>
<td>Late-Life Depression Clinic (Taylor)</td>
<td>Elective</td>
<td>Dementia Clinic (MU-VA)</td>
<td>Geriatric Hospital Consultation (Nashville VA)</td>
</tr>
<tr>
<td>Lunch Break</td>
<td>Geriatric Didactics</td>
<td>Psychiatry Grand Rounds</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cognitive Neurology Clinic (Petrie)</td>
<td>Geriatric Continuity Clinic</td>
<td>VA Geropsych Clinic (Gwirtsman)</td>
<td>Geropsy Clinic (MU-VA)</td>
<td></td>
</tr>
</tbody>
</table>

Geriatric Medicine and Palliative Care during this half of the year
Geriatric Seminar/Didactics Series

- 1-hour afternoon session per week
- Protected time
- Sessions are open to the entire department
- Schedule and suggested readings will be posted on the following website

https://www.vumc.org/psychiatry-geriatric-fellowship/seminars-and-didactics
Biology and Psychology of Aging

- Epidemiology of Aging
- Theories of Biological Aging
- Organ System Changes in Aging
- Drug Metabolism in Aging
- Structural and Functional Brain Changes in Aging
- Cognitive Changes that Occur with Normal Aging
- Age-Related Neurodegenerative Disorders
- Changes in Emotion and Emotional Functioning with Aging
- Preserving Brain Health and Aging
- Stress, Resilience, and Aging
- Motor and Gait Changes in Aging
Assessment of Pathology in Aging

- Major and Minor Depression in Aging
- Bipolar Disorder
- Anxiety and Anxiety Disorders in Geriatrics
- Schizophrenia and Other Psychotic Disorders
- Alzheimer’s disease; Frontotemporal dementia
- Lewy-Body dementia; Parkinson’s disease
- Stroke and Cerebrovascular dementia
- Somatic Therapies in Geriatric Psychiatry (ECT; DBS; TMS)
- Polypharmacy Issues in Geriatrics
- Addictions and Substance Abuse in Geriatric Psychiatry (Alcohol abuse, Opiates, Marijuana)
- Ethical Treatment in Aging Issues
- Special Issues in Long-Term Care
- End of Life Issues (Palliative Care; Hospice; Assisted Suicide/”Death with Dignity”)
- Capacity Assessment and Guardianship in Geriatric Psychiatry
Clinical Research Methodology

• Neuroimaging in Psychiatry
• Statistics / Research Design
• Genetics and Psychiatry
• New Drug Development
• Psychiatric Epidemiology
Additional Seminars

• **PsychoRadiology Conference**
  – Review of clinical MRI scans with neuroradiologist
  – Replaces geriatric didactic that week

• **Geriatric Psychiatry Case Conference**
  – In this conference, fellows will be responsible for selecting a patient to present along with pertinent questions and relevant journal articles for discussion. A faculty member will be designated as the leader for this case conference and will serve as a mentor for the fellow presenting.
Additional Seminars

• Psychiatry Grand Rounds
  – This weekly presentation is centered around a formal research-oriented presentation by a visiting speaker or member of the faculty, or by a major clinical service of the Department of Psychiatry focusing on clinical management of particularly difficult problems. Geriatric Psychiatry has at least two presentations each year.
  
  – Geriatric Psychiatry Grand Rounds Case Conference
    • Deep discussion of a clinical issue in geriatric psychiatry
    • Faculty present review of clinical presentation, neurobiology and treatment
    • Fellows present case (about 10min)

• Hollender Endowed Lecture
  • Endowed grand rounds, focusing on geriatric psychiatry researchers / topics
Elective Seminars & Case Conferences

- Geriatric Medicine Core Curriculum (weekly)
- Geriatrics and Gerontology Interest Group Grand Rounds (biweekly)
- Biomedical Ethics Case Conference (monthly)
- Palliative Care Journal Club (monthly)
Teaching Opportunities

• Teaching of Vanderbilt 2\textsuperscript{nd}, 3\textsuperscript{rd} and 4\textsuperscript{th} year medical students and visiting students/residents
• Opportunities to teach first- and second-year General Psychiatry residents
  – Some first-year residents will rotate through inpatient service
• Teaching opportunities within the community
• Other opportunities, as identified
Geriatric Psychiatry Research at Vanderbilt: *Center for Cognitive Medicine*

https://medschool.vanderbilt.edu/ccm/

- **Cognitive Aging Program** *(Newhouse)*: Multiple projects with a focus on brain cholinergic pharmacology

- **Estrogen/Menopause studies** *(Newhouse)*:
  - Brain structure and function in postmenopausal women with subjective cognitive impairment.

- **Alzheimer’s Disease Studies** *(Newhouse)*:
  - Phase 3 clinical trials: monoclonal antibodies, behavioral agents, etc.
Geriatric Psychiatry Research at Vanderbilt: Center for Cognitive Medicine

• Geriatric Depression Research Program *(Taylor)*:
  – Multiple projects focusing on late-life depression, brain structure, and treatment outcomes.
  – Integration of brain aging measures and effect on outcomes
  – Longitudinal study of predictors of depression recurrence (upcoming)
VA Tennessee Valley Geriatric Research Education and Clinical Center (GRECC)

- **Education**: Disease Prevention, Pharmacoepidemiology, Quality Improvement/Patient Safety, Ethnogeriatrics.

- **Research**: Cancer prevention; Late life cognitive impairment; critical illness-associated cognitive impairment; quality and safety of care; and drug utilization.

- **Clinical Care**: Clinical demonstration and best practice projects.

- **Quality Scholars Program**: Two year funded research program for clinical research in aging
We are wired ...

• Electronic Medical Record: Epic (or E-Star)
• Research Database: RedCap is a secure, web-based application designed to support data capture for research.
• Personalized Medicine/Genetics: BioVU is the Vanderbilt DNA Databank, a resource for exploration of genetic variation, disease susceptibility, and pharmacogenetics.
• The Synthetic Derivative (SD): The SD contains all clinical information in the EHR but is stripped of personal identifiers
• Eskind Electronic Library
• And many more...
Nashville has it ALL!
Your neighbors in Nashville ...
Summary

• Opportunity to develop skills in all aspects of Geriatric Psychiatry
• Collegial and dynamic department
• Outstanding (top 10) academic medical center with substantial growth in geriatric medicine, psychiatry, and neuroscience
• Opportunity to interface with strong Medical School, Department of Psychiatry and Geriatric Medicine
• Great city for activities outside of work

WELCOME TO VANDERBILT!