

VANDERBILT UNIVERSITY MEDICAL CENTER VA TENNESSEE VALLEY HEALTH SYSTEM

GERIATRIC PSYCHIATRY FELLOWSHIP TRAINING PROGRAM ORIENTATION



Overview

- Vanderbilt University
- VU School of Medicine
- VU Medical Center
- VU Psychiatry Department
- VA TVHS Hospitals
- Geriatric Psychiatry Fellowship
- Living in Nashville



VANDERBILT
UNIVERSITY



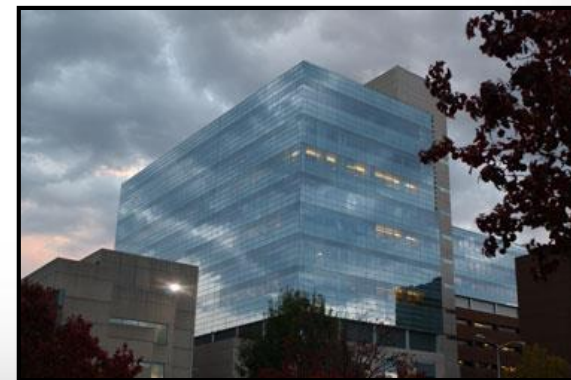


- Founded 1873
- Students:
 - 6,700 undergraduate
 - 5,200 graduate
- 10 schools, Top 20 in US News & World Report
- 3,100 fulltime faculty
- 23,000 employees



VANDERBILT UNIVERSITY  School of Medicine

- 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)
- 2,404 fulltime faculty





VUMC

> 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

Department of Psychiatry and Behavioral Sciences

[Home](#)
[Divisions](#)
[People](#)
[Services](#)
[Research](#)
[Education](#)
[In the News](#)
[Calendar](#)
[Intranet](#)
[For Patients](#)



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)
- Outpatient clinics (>60,000 outpatient visits)

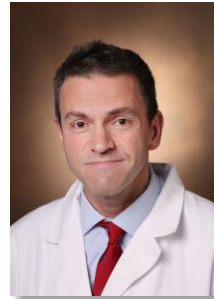


Faculty Retreat 2016

Leadership & Training Staff



Stephan Heckers, MD, MSc.
Chair of Psychiatry



Ronald Cowan, MD, PhD
Vice-Chair for Education



Warren Taylor, MD
Director, Geriatric Psychiatry Division



Meghan Riddle, MD
*Training Director,
Geriatric Psychiatry Fellowship*



Lauren Alexander
Associate Program Manager

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 an 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



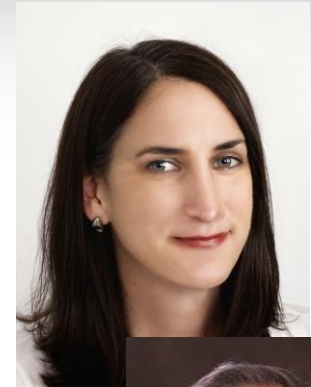
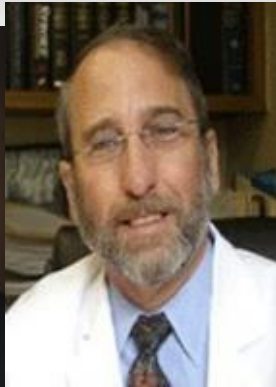
The Nashville campus offers primary, secondary and tertiary care to veterans living in middle Tennessee and Kentucky. TVHS is affiliated with Vanderbilt University School of Medicine and Meharry Medical College, with active residency programs in all major medical and surgical specialties and subspecialties. In addition, the Nashville campus supports a vigorous research program of over \$26 million annually.

Tennessee Valley VA Healthcare System

Alvin York Medical Ctr. Murfreesboro, TN



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, Inpatient and Hospice

Major Outpatient Rotations

- Geropsychiatry Clinics
 - Vanderbilt
 - Village at Vanderbilt
 - Veterans Affairs Medical Center
 - Single Provider Clinic (Nashville)
 - Multidisciplinary Clinic (Murfreesboro)
- Memory Disorder Clinic
 - Village at Vanderbilt
- Cognitive Neurology
 - 100 Oaks Mall
- Electroconvulsive/ Transmagnetic Stimulation Therapy Service

First 6 months of Training

Fellow 1

BLOCK DATES:	Monday	Tuesday	Wednesday	Thursday	Friday
Assignment					
8:00 AM	VAPOC Geropsych Dr. Taylor	VUMC Inpt Geropsych Svc	VUMC Inpt Geropsych Svc	VUMC Inpt Geropsych Svc	VUMC Inpt Geropsych Svc
9:00 AM					
10:00 AM					
11:00 AM				Birchwood Telepsych	
12:00 PM		LUNCH/GGIG Conference**	Geriatric Didactics		
1:00 PM	VUMC Inpt Geropsych Svc	VAV Geropsych Clinic	VA Geropsych Clinic	VA Geropsych Clinic	
2:00 PM					
3:00 PM					
4:00 PM					
5:00 PM					

Fellow 2

Monday	Tuesday	Wednesday	Thursday	Friday
				Murfreesboro VA
VAV Memory & Aging Dr. Newhouse	Research/QI	Elective	VUMC ECT/TMS	LTC/Palliative Care VA-Murfreesboro
		Geriatric Didactics		
Neurology - 100 Oaks Dr. Petrie	VAV Geri Clinic Dr. Petrie/Dr. Gwirtsman	NA-VA Geropsych Clinic Dr. Gwirtsman	NA-VA Geropsych Clinic Dr. Gwirtsman	
		VA Group Supervision		

Geriatric Medicine and Palliative Care during this half of the year

Second 6 months of Training

Fellow 1

BLOCK/DATES:	Monday	Tuesday	Wednesday	Thursday	Friday
					Murfreesboro VA
8:00AM	VAV Memory & Aging Dr. Newhouse	Research/QI	Elective	VUMC ECT/TMS	VAV TC/Palliative Care Murfreesboro
9:00AM					
10:00AM					
11:00AM					
12:00PM			Geriatric Didactics		
1:00PM	Neurology Dr. Petrie	VAV Geriatric Clinic	VAV Geropsych Clinic	VAV Geropsych Clinic	
2:00PM					
3:00PM					
4:00PM					
5:00PM					

Geriatric Medicine and Palliative Care during this half of the year

Fellow 2

BLOCK/DATES:	Monday	Tuesday	Wednesday	Thursday	Friday
Assignment					
8:00AM	VAV Geriatric Clinic Dr. Taylor	VUMC Inpt Geropsych Svc	VUMC Inpt Geropsych Svc	VUMC Inpt Geropsych Svc	VUMC Inpt Geropsych Svc
9:00AM					
10:00AM					
11:00AM				Birchwood Telesych	
12:00PM		LUNCH/GG Conference**	Geriatric Didactics		
1:00PM	VUMC Inpt Geropsych Svc	VAV Geropsych Clinic	VAV Geropsych Clinic	VAV Geropsych Clinic	
2:00PM					
3:00PM			VAV Group Supervision		
4:00PM					
5:00PM					

Geriatric Seminar/Didactics Series

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

<https://medschool.vanderbilt.edu/psychiatry-geriatric-fellowship/2015-2016-seminars-and-supplemental-readings>

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; Ketamine)
- 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")
- Structured Assessment Tools in Geriatric Psychiatry
- The Problem of Pain in Aging
- Capacity Assessment and Guardianship in Geriatric Psychiatry

Clinical Research Methodology

- Statistics I
- Neuroimaging in Psychiatry
- Statistics II / Research Design
- Genetics and Psychiatry
- Psychiatric Epidemiology



Additional Seminars

- **Geriatric Psychiatry Journal Club**
 - This is a monthly review of current clinical assessment, treatment, and theory from core journals.
- **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.
- **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 makes one or two presentations each year.

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 2nd, 3rd and 4th year medical students and visiting students/residents
- Small group teaching in Vanderbilt first- and second-year medical student classes
- Opportunities to teach first-, second-, and third-year General Psychiatry residents
- 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
 - Long-term nicotine treatment of mild cognitive impairment (national multi-center study led by Vanderbilt)
 - Development of newly-discovered cholinergic molecules for human use in Alzheimer's disease
 - Cholinergic modulation of cognitive aging in HIV
 - Nicotinic enhancement of cognitive functioning in post chemotherapy breast cancer and in adults with Down Syndrome

Geriatric Psychiatry Research at Vanderbilt: *Center for Cognitive Medicine*

- **Estrogen/Menopause studies** (*Newhouse*):
 - Brain structure and function in postmenopausal women with subjective cognitive impairment.
 - Estrogen effects on brain activity following psychosocial stress in depression and PTSD (VA)
- Aging effects on **multisensory processing and integration** (with VBI) (*Newhouse*).
- **Alzheimer's Disease Studies** (*Newhouse*):
 - Phase 3 clinical trials: monoclonal antibodies, behavioral agents, etc.
 - Phase 1 study of novel M1 muscarinic PAMs for cognitive enhancement (planned together with VCNDD)

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.
 - Effects of stress reactivity on course of depression in late-life (VA).

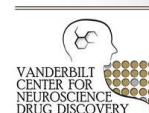
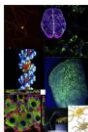
VA Tennessee Valley Geriatric Research Education and Clinical Center (GRECC)

- **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



Major Vanderbilt Neuroscience Research Centers

- Vanderbilt Institute for Clinical and Translational Research (VICTR)
- Vanderbilt University Institute of Imaging Science
- Vanderbilt Kennedy Center
- Vanderbilt Brain Institute
- Vanderbilt Center for Neuroscience Drug Discovery
- Vanderbilt Alzheimer's Center
- Vanderbilt Center for Cognitive Medicine

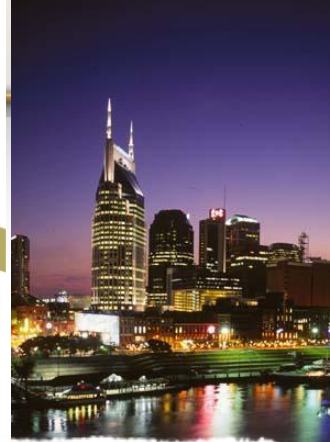


We are wired ...

- Electronic Medical Record: StarPanel
- 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...



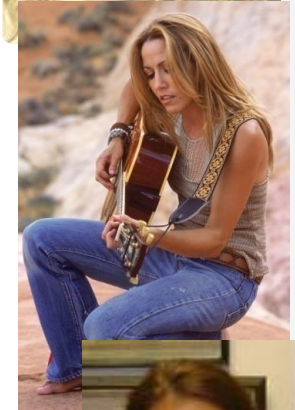
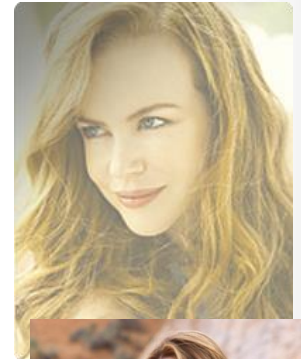
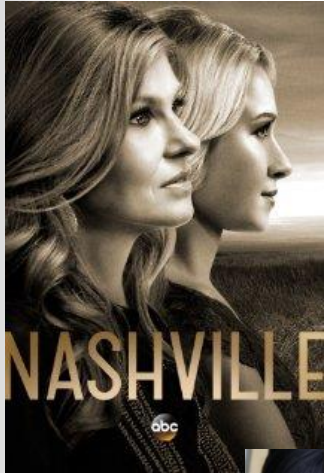
Nashville
MUSIC CITY



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!