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CURRICULUM VITAE  
Thomas A Bayer MD

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EDUCATION

Brown University, 09/04/2001 - 05/29/05, Religious Studies, Bachelor of Arts 2005

Harvard Extension School, 06/01/2005 - 05/30/2006, pre-medical (non-degree)

State University of New York Downstate Health Sciences University College of Medicine,  
08/13/2007 to 05/26/2011, MD 2011

Brown University School of Public Health, 08/09/2021 - 05/28/2023, Clinical and Translational  
Research, Sc.M. 2023

POSTGRADUATE TRAINING

University of Illinois, 840 South Wood Street Rm 440 MC 718, Chicago IL, 60612-7323,  
Internal Medicine (Categorical), 06/23/2011 - 06/30/2014

Brown University, 593 Eddy Street POB 438, Providence RI, 02903, Geriatric Medicine,  
07/01/2020 - 06/30/2021

VA Providence Health System, 830 Chalkstone Ave, Providence RI, 02908, Office of Academic  
Affiliations, Advanced Health Services Research, 08/01/2021 - present.

POSTGRADUATE HONORS AND AWARDS

SURDNA Fellowship, Brown School of Public Health Center for Gerontology and Healthcare  
Research, 06/09/2021 - 5/29/2023

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

ABIM Internal Medicine: Certified, Participating in Maintenance of Certification, initial  
certification: 2014.

Rhode Island Physician License 06/14/2021 - present

ABIM Geriatric Medicine, Participating in Maintenance of Certification, initial certification: 2021

### ACADEMIC APPOINTMENTS

Assistant in Medicine, University of Illinois College of Medicine, Chicago, 06/23/2011-06/24/2014

Assistant Professor of Medicine, Warren Alpert Medical School of Brown University, 08/16/22 – present

### HOSPITAL APPOINTMENTS

Staff Physician, Mercy Hospital St. Louis, 08/21/2014 - 08/17/2015

Staff Physician, Memorial Hospital Belleville/Shiloh, 10/28/15 - 05/31/2020

Staff Physician (Courtesy), HSHS St. Elizabeth's Hospital, 09/23/15 - 06/01/2020

Staff Physician, VA Providence Health System, 07/07/2021 - present

Staff Physician (Non-Admitting), Rhode Island Hospital, 09/15/2021 - present

Staff Physician (Non-Admitting), The Miriam Hospital, 09/15/2021 - present

### OTHER APPOINTMENTS

Physician, Esse Health Belleville Internal Medicine, 08/20/15 - 05/31/2020  
Physician Office Leader, 01/01/2019 - 05/31/2020

Medical Director, Brown Medicine Alzheimers and Dementia Care Program, 08/25/21 - present

Physician Consultant, CareLink Rhode Island Alzheimer's Disease Programs Initiative program, 7/3/22 - present

Physician Consultant, Rhode Island Department of Health Building Our Largest Dementia Infrastructure Act (BOLD) grant program, 7/20/22 - 9/30/23

Medical Director, Wingate Residences on Blackstone Boulevard, 10/1/22 - present

Member, Rhode Island Governor's Advisory Council on Alzheimer's Disease and Related Disorders, 9/29/22 - 7/1/24

## NATIONAL COMMITTEES

Member, Alzheimers and Dementia Care National Learning Collaborative Steering Committee  
8/1/2022 - present

## MEMBERSHIP IN SOCIETIES

American College of Physicians 2010 - 2021

Illinois Chapter Early Career Physicians Counsel, 01/01/2019 - 05/31/2020

St. Clair County Medical Society, 09/01/2020 - 12/31/2019

Board of Directors, 01/01/2019 - 12/31/2019

American Geriatrics Society, 06/03/2020 - present

Resident Section Annual Meeting Fellowship Seminar Panelist: 2021, 2022

Junior Faculty Development Special Interest Group Mentor-Mentee Match Coordinator  
6/9/2022 - present

Society for Post-Acute and Long Term Care Medicine (AMDA), 08/31/2020 - present

Futures Program, 01/20/2021 - 12/31/2021

Gerontological Society of America, 10/20/2020 - present

Society of General Internal Medicine 2/17/2022 - present

## PUBLICATIONS LIST

### ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. Kerr CE, Shaw JR, Wasserman RH, et al. Tactile acuity in experienced Tai Chi practitioners: evidence for use dependent plasticity as an effect of sensory-attentional training. *Exp Brain Res.* 2008;188(2):317-322. doi:10.1007/s00221-008-1409-6
2. Liu W, Wu Y, Wang L, et al. Protein signature for non-small cell lung cancer prognosis. *Am J Cancer Res.* 2014;4(3):256-269. Published 2014 May 26.
3. Elhamamsy S, **Bayer T**, Al-Kaffas M, et al. Rhino-Orbital Cerebral Mucormycosis in Non-Diabetic Patients with COVID-19. *R I Med J (2013).* 2021;104(8):19-21. Published 2021 Oct 1.
4. Sachar M, **Bayer T**, DeVone F, et al. The effect of age on fever response among nursing home residents with SARS-COV-2 infection. *Aging Clin Exp Res.* 2022;1-3. doi:10.1007/s40520-021-02048-x

5. **Bayer TA**, DeVone F, McConeghy KW, et al. Dementia prevalence, a contextual factor associated with SARS-CoV-2 in Veterans Affairs Community Living Centers. *J Am Geriatr Soc.* 2022; doi:10.1111/jgs.17945
6. Elhamamsy S, DeVone F, **Bayer T**, et al. Can we use temperature measurements to identify pre-symptomatic SARS-CoV-2 infection in nursing home residents? *J Am Geriatr Soc.* 2022;10.1111/jgs.17972. doi:10.1111/jgs.17972
7. **Bayer TA**, Van Patten R, Hershkowitz D, Epstein-Lubow G, Rudolph JL. Comorbidity and Management of Concurrent Psychiatric and Medical Disorders. *Psychiatric Clinics of North America.* Published online October 14, 2022. doi:10.1016/j.psc.2022.07.006
8. Kunicki ZJ, Frietchen R, McGeary JE, Jiang L, Duprey MS, **Bayer T** et al. Prevalence of Comorbid Depression and Insomnia Among Veterans Hospitalized for Heart Failure with Alzheimer Disease and Related Disorders. *Am J Geriatr Psychiatry.* 2023;S1064-7481(23)00163-X. doi:10.1016/j.jagp.2023.01.026
9. **Bayer TA**, Santostefano CM, Sullivan JL. Distribution of Adult Day Health Centers and Persons Living with Dementia Among Hospital Service Areas in Rhode Island. *R I Med J* (2013). 2023;106(4):8-12. Published 2023 May 1.
10. Muth G, **Bayer TA**, Libman R. Should my elderly hospitalized patient with acute onset of altered mental status undergo stat head CT?. *Cleve Clin J Med.* 2023 May 1;90(5):283-285. doi: 10.3949/ccjm.90a.22023. PubMed PMID: 37127341.
11. Abul Y, DeVone F, Singh M, Halladay C, **Bayer TA** et al. Class II/III Obesity Prevalence in Residents of US Nursing Homes: Cross-sectional Study and Forecasting 2030 with COVID-19 Perspective. *R I Med J* (2013). 2023;106(4):25-29. Published 2023 May 1.
12. **Bayer TA**, Jiang L, Erqou S, Kunicki ZJ, Singh M, Duprey M, Bozzay M, McGeary JE, Zullo AR, Wu WC, Gravenstein S, Rudolph JL. Incidence of New Dementia Diagnosis in Veterans Admitted to Nursing Homes After Heart Failure Hospitalization. *J Alzheimers Dis.* 2023 Jul 4;. doi: 10.3233/JAD-221300.PubMed PMID: 37424463.
13. Abul Y, DeVone F, **Bayer TA**, Halladay C, McConeghy K, Mujahid N, Singh M, Leeder C, Gravenstein S, Rudolph JL. Association of mortality and aspirin use for COVID-19 residents at VA Community Living Center Nursing Homes. *Archives of Internal Medicine Research.* 2023 July; 6(3):55.
14. Muth G, **Bayer TA**, Libman R. In Reply: Computed tomography of the head. *Cleve Clin J Med.* 2023;90(8):461. Published 2023 Aug 1. doi:10.3949/ccjm.90c.08002

15. Basida BD, Gravenstein S, DeVone F, Abul Y, Singh M, Nepaul A, Tariq N, Leeder C, **Bayer T**. Previous Steroid Use and Severity of COVID-19. *J Am Med Dir Assoc*. 2023;24(10):1608-1609. doi:10.1016/j.jamda.2023.07.024
16. Kunicki ZJ, **Bayer T**, Jiang L, et al. Comparing Lookback Periods to Ascertain Alzheimer's Disease and Related Dementias. *Am J Alzheimers Dis Other Demen*. 2023;38:15333175231199566. doi:10.1177/15333175231199566
17. Riestler MR, D'Amico AM, Khan MA, Joyce NR, Pfeiffer MR, Margolis SA, Ott BR, Curry AE, **Bayer TA**, Zullo AR. Changes in the burden of medications that may impair driving among older adults before and after a motor vehicle crash. *J Am Geriatr Soc*. 2023 Oct 31. doi: 10.1111/jgs.18643. Epub ahead of print. PMID: 37905738.
18. Bayer TA, Jiang L, Kunicki ZJ, Quinn M, De Vito AN, Kelso CM, Rudolph JL, Sullivan JL. Identifying Alzheimer's Disease and related disorders via diagnostic codes in Veterans with heart failure. *J Am Geriatr Soc*. Accepted 11/1/23

#### MANUSCRIPTS SUBMITTED OR IN PREPARATION

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#### ABSTRACTS

1. **Bayer T**, Devone F, Halladay C, McConeghy K, Rajan A, Elhamamsy S, Cadieux M, Singh M, Sachar M, Nanda A, Rudolph J, Gravenstein S. Variation in SARS\_CoV-2 rates by Nursing Home Dementia Prevalence. ePoster presented at: American Geriatrics Society 2021 Virtual Annual Scientific Meeting Presidential Poster Session; 2021 May 13 - 15.
2. Sachar M, **Bayer T**, Devone F, Halladay C, McConeghy K, Elhamamsy S, Rajan A, Cadieux M, Singh M, Nanda A, Rudolph J, McNicoll L, Cizginer S, Quach L, Gravenstein S. Age and Body Temperature Among Nursing Home Residents With and Without SARS-COV-2 Infection. ePoster presented at: American Geriatrics Society 2021 Virtual Annual Scientific Meeting; 2021 May 13 - 15.
3. Elhamamsy S, **Bayer T**, Devone F, Halladay C, McConeghy K, Rajan A, Cadieux M, Singh M, Sachar M, Nanda A, Rudolph J, McNicoll L, Cizginer S, Quach L, Gravenstein S. Approach to early detection of SARS-CoV-2 in Nursing Homes. ePoster presented at: American Geriatrics Society 2021 Virtual Annual Scientific Meeting; 2021 May 13 - 15.
4. Cadieux M, Devone F, Halladay C, McConeghy K, Rudolph J, **Bayer T**, Elhamamsy S,

Rajan A, Singh M, Sachar M, Nanda A, McNicoll L, Ciginer S, Quach L, Gravenstein S. Does Acetaminophen Affect Temperature Differently with COVID-19 Compared to with Other Febrile Illnesses? ePoster presented at: American Geriatrics Society 2021 Virtual Annual Scientific Meeting; 2021 May 13 - 15.

5. **Bayer T**, Jiang L, Kunicki Z, Erqou S, Bozzay M, Duprey M, Wu W, Rudolph J. Delirium and Subsequent Dementia (ADRD) Diagnosis After Heart Failure Hospitalization. Poster presented at: American Geriatrics Society 2022 Annual Scientific Meeting Presidential Poster Session; 2022 May 12
6. Abul Y, Devone F, Halladay C, McConeghy K, **Bayer T**, Gravenstein S, Rudolph J, Association of mortality and aspirin use for COVID-19 patients at the VA Community Living Centers. Poster presented at: American Geriatrics Society 2022 Annual Scientific Meeting Presidential Poster Session; 2022 May 12
7. Siddique H, Want A, Mannan S, Devone F, Sluder R, **Bayer T**. Depression is associated with a higher risk of developing SARSCoV-2 infection in nursing home residents. Poster presented at: American Geriatrics Society 2022 Annual Scientific Meeting; 2022 May 13
8. Sluder R, **Bayer T**. Association of COVID-19 with decrease in oxygen saturation in residents of long term care settings. Poster presented at: American Geriatrics Society 2022 Annual Scientific Meeting; 2022 May 13

## INVITED PRESENTATIONS

### *National*

1. **Bayer T**, Jiang L, Zullo A, Duprey M, Wu W, Erqou S, Singh M, Bozzay M, Gravenstein S, Rudolph J. Abnormal Cognitive Function Screening and Subsequent Dementia (ADRD) Diagnosis After Heart Failure Hospitalization: Implications for Transitions of Care. Oral presentation at: Post Acute and Long-Term Care Annual Conference March 11 2022; Baltimore, MD.
2. **Bayer T**, Transitions from Skilled Nursing to Home in Veterans with Dementia, Virtual presentation to the Veterans Affairs Long Term Services and Supports Network December 2 2022.
3. **Bayer TA**. Distressed behavior in Community Living Centers during the COVID-19 pandemic. In Singh, M. Living with the COVID-19 Pandemic: Effect on VA CLC Residents. Symposium presented at: Post Acute and Long-term Care Annual Conference March 10 2023; Tampa, FL. Repeated at VA GECDAC seminar 3/21/23 and VA LTSS seminar 5/12/23.

### *Local*

4. **Bayer TA**, *How Has Medicare Payment for Advance Care Planning Influenced End-of-Life Dementia Care?* Postdoctoral Candidate Presentation, Center for Gerontology and Health Care Research, Brown School of Public Health, January 29,

2020.

5. **Bayer TA**, *Red and Swollen Legs*, Morbidity and Mortality Conference, Division of Geriatrics and Palliative Medicine, Warren Alpert Medical School of Brown University, August 19, 2021.
6. *Distribution of Adult Day Health Centers and Persons Living with Dementia Among Hospital Service Areas in Rhode Island*, The Rhode Island Governor's Advisory Council on Alzheimer's Disease and Related Disorders, May 31, 2023
7. **Bayer TA**, *SARS-Cov-2 and Community Living Center Dementia Prevalence*, Long Term Services and Supports Center of Innovation, VA Providence Health System, October, 18, 2021.

#### GRANTS

1. Effect of Rehabilitation Intensity on Successful Discharge to Community. Veterans Affairs Health Services Research and Development 23- SWIFT-1; \$17,542; 10/1/22 - 9/30/23; Principal Investigator
2. Transitional Care Management in Persons with ADRD. Brown University School of Public Health Alzheimer's Disease and Related Dementias Pilot Projects Program; \$23,145; 6/1/23 - 5/31/24; Principal Investigator

#### UNIVERSITY TEACHING, ADVISING and MENTORING ROLES

1. Advisor for Geriatrics Fellows Research Projects, 09/16/2021 - 6/30/2023
2. Brown Warren Alpert Medical School, Gross Anatomy Lab Geriatric Anatomy Correlations 2021, 2023
3. Faculty Facilitator for Brown University Internal Medicine Journal Club, 2022 - present
4. Mentor for PHP2450, Measuring and Improving the Quality of Healthcare, Fall 2022
5. Mentor for Brown School of Public Health Applied Public Health Experience 2022-2023 academic year
6. Mentor for Summer Undergraduate Research Fellowship, Providence Veterans Affairs Medical Center, Summer 2023
7. Associate Director of Research, Brown University Geriatrics Fellowship, July 2023 - present