



Department of Geriatrics

# Annual Report

July 1, 2018 - June 30, 2019

Daniel Swagerty, MD, MPH  
Professor and Chair of Geriatrics

# 1

## Statement from the Chair

The period of July 2018 through June 2019, has been a time of many successes and a few challenges for the Department of Geriatrics. We successfully advanced our academic and professional activities in the midst of continuing financial and organizational difficulties faced by both Wright State University (WSU) and Wright State Physicians, Inc. (WSP). These efforts included continuing to be strongly supportive of the tripartite mission of the Boonshoft School of Medicine (BSOM) in primary care education, clinical research, and achieving excellence in health care services in southwestern Ohio. We were also able to further the strong commitment by both the department and BSOM to serve the community in which we are located through tangible activities and partnerships.

In the last year, our department further advanced a culture of “we” rather than “me”, with each faculty member responsible to the group for our successes in geriatric and hospice and palliative medicine education, clinical research, and excellence in health care delivery. Despite the challenges cited above, The Department of Geriatrics has

- Educated a significant number of medical students, resident physicians and fellows;
- Disseminated geriatric information and best practices to practicing health care providers;
- Researched aging, aging policy, health, and healthcare delivery as it pertains to the older adult;
- Provided model older adult clinical services; and
- Participated in older adult community activities.

Our most notable activities are as follows:

### Activities

#### Education

- Geriatric Medicine Fellowship
  - Revised the fellowship portfolio of core curriculum topics and materials
  - Initiated more robust clinical experiences in ambulatory care, post-acute and long-term care medicine, and hospice and palliative care
  - Began our 10 year program self-study
  - Trained 1 fellow
- Hospice and Palliative Care Fellowship
  - Submitted a Ohio’s Hospice Foundation grant of \$ 250 K over a 5 year period to fund 5 mid-career fellowship positions
  - Furthered a discussion with Ohio’s Hospice on them assuming more leadership and financial responsibility for the fellowship
  - Successfully arranged for the Hospice and Palliative Medicine Fellowship to be hosted by our department as of July 1, 2018
  - Transitioned the culture of the program from a consortium of sites and faculty to a committed union of partners
  - Significantly revised the fellowship portfolio of core curriculum topics and materials
  - Initiated more robust clinical experiences in palliative care in the ambulatory care, hospital and home settings; as well as more robust hospice clinical experiences inpatient and home settings
  - Began our 10 year program self-study
  - Trained 2 fellows
  - Hired Abi Katz, DO as the associate fellowship director, with her assuming the role of program director as of July 1, 2019

- IM and FM Residency
  - Maintained all residency education activities despite the loss of a key faculty member
  - Revised the residency portfolio of core curriculum topics and materials
  - Initiated more robust clinical experiences in ambulatory care and post-acute and long-term care medicine with greater focus on the individual and specialty needs of each resident
  - Trained 20 Family Medicine and 24 Internal Medicine resident physicians in long term medicine, ambulatory care geriatrics and specialty geriatrics
- Undergraduate
  - Advanced efforts to provide a greater contribution to the SOM's WrightCurriculum through both didactic presentations and Wright Q small group facilitation in Years 1 and 2, as well as specific older adult and end-of-life care curricular didactic, simulation and clinical activities in Years 3 and 4. Our clinical clerkship efforts included taking all 118 Year 3 Family Medicine clerkship students on home visits, having 12 Year 3 Internal Medicine clerkship students rotate with us in our ambulatory and long term care sites, and 12 Year 4 students rotate with us for our 4 week Geriatric Medicine Elective. Essentially, we provided direct clinical training to both Year 3 and Year 4 clinical clerks continuously throughout the academic year.

#### Clinical

- Successfully advanced the financial status of the department's clinical activities
  - Eliminated the use of endowment funds and the Dean's Fund as a source of support for clinical activities through an increase in productivity and reduction in costs, with the department in an overall profitable status from all sources.
  - The financial status and operations of all clinical service lines were further analyzed and a plan implemented with the clinical enterprise becoming self-supporting in aggregate by the end of FY 2019. This plan is being extended to make each service line individually self-supporting by the end of FY 2021.
  - The clinical productivity of each faculty member was further analyzed, with a plan implemented for the each faculty member to support the cost of their own % cFTE through clinical revenue by the end of FY 2020
  - Hired a new palliative care physician to further our mission in post-acute and palliative care medicine

#### Academic and professional environment

- All faculty were mentored towards producing at least one academic product annually
- Submitted 2 Grant Applications for External Funding

#### Administrative

- Achieved a strong consensus among the departmental faculty and staff before embarking on new departmental goals
  - Conducted a spring and fall departmental retreat
  - Conducted weekly faculty meetings
  - Revised our departmental vision and mission statements
  - Completed an 1 and developed a 5 year departmental strategic plan with measurable goals

## 2 Programs/Divisions

Name of Division or Program	Director	Dates
Administrative Core	Daniel Swagerty, MD	7/1/18 – 6/30/19
Clinical Geriatrics and Post-Acute/Long Term Care	Daniel Swagerty, MD	7/1/18 – 6/30/19
Geriatric Medicine Fellowship	Steven Swedlund, MD	7/1/18 – 6/30/19
Hospice and Palliative Care Fellowship	Daniel Swagerty, MD	7/1/18 – 6/30/19
Clinical Hospice and Palliative Care	Abi Katz, DO	3/1/19 – 9/30/18
Research	Matthew Peterson, PhD Larry Lawhorne, MD	7/1/18 – 9/30/18 10/1/18- 6/30/19

## 3 Fully Affiliated Faculty

Name and Academic Position	Clinical Interests	Research Interests
Daniel Swagerty, MD, MPH	<ul style="list-style-type: none"> <li>Post-Acute and Long Term Care Medicine</li> <li>Hospice and Palliative Medicine</li> </ul>	<ul style="list-style-type: none"> <li>Health Services Research in Post-Acute and Long Term Care Medicine, Palliative Care and Hospice.</li> <li>.Medical Education</li> </ul>
Larry Lawhorne, MD	<ul style="list-style-type: none"> <li>Primary and Dementia Care of Older Adults</li> </ul>	<ul style="list-style-type: none"> <li>Health Services Research in Primary and Dementia Care of Older Adults</li> </ul>
Steven Swedlund, MD	<ul style="list-style-type: none"> <li>Primary and Dementia Care of Older Adults</li> </ul>	<ul style="list-style-type: none"> <li>Basic Science and Applied Research in Older Adult Health Outcomes</li> <li>Medical Education.</li> </ul>
Matthew Peterson, PhD	<ul style="list-style-type: none"> <li>Aging, Exercise, and Functional Decline</li> </ul>	<ul style="list-style-type: none"> <li>Basic Science and Health Services Research in Older Adult Exercise Physiology</li> <li>Medical Education</li> </ul>
Mary Jo Trout, PharmD	<ul style="list-style-type: none"> <li>Pharmacology and Drug Use in Older Adults</li> </ul>	<ul style="list-style-type: none"> <li>Health Services Research in Pharmacology and Drug Use in Older Adults</li> <li>Medical Education</li> </ul>
Abi Katz, DO	<ul style="list-style-type: none"> <li>Post-Acute and Long Term Care Medicine</li> <li>Hospice and Palliative Medicine</li> </ul>	<ul style="list-style-type: none"> <li>Health Services Research in Palliative Care and Hospice.</li> <li>Medical Education</li> </ul>

# 4 Teaching

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## Baccalaureate

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Steven Swedlund, MD

- Orientation and mentoring of over 80 community pre-health students in the HELP 200 course (Hospital Elder Life Program) for patient advocacy (to reduce hospital delirium).
  - Mentored Nathaniel Brown, University of Dayton pre-health student, for HELP Program poster presentation.
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Matthew Peterson, PhD

- Spring 2018- HED 3310- Health & Physical Education for ECE
  - Spring 2019 CLNR 416- Senior Seminar
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Larry Lawhorne, MD

- Alexandria Nasr: Palliative Performance Scale as a Prognostic Tool for Patients with Dementia in Hospice
  - Laura Godinez: Recognizing Pain among People with Dementia near the End of Life
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## Graduate students, including thesis supervision

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Larry Lawhorne, MD

- *Review committee for SOPP graduate student prospectus:* Melissa Kemper: Critical Diversity Training Factors for End of Life Care Providers: A Pilot Study
  - *Mentoring K01 awardee:* Tanvi Bannerjee: Wearable Sensors
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Matthew Peterson, PhD

- CLNR 520 Advanced Data Management
  - CLNR 504- Independent Research Project
  - CLNR 690, 691- Capstone Research Project
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## Undergraduate medical education

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Daniel Swagerty, MD, MPH

- Year 1 WrightQ Facilitator
  - Year 2 WrightQ Facilitator
  - Year 3 FM Clerkship TBL Facilitator
  - Year 3 IM Clerkship Clinical Preceptor
  - Year 3 OME Geriatrics Curriculum Development for Doctoring Phase Didactics and Simulations
  - Year 4 Geriatrics Electives Director and Clinical Preceptor
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Larry Lawhorne, MD

- ICM 1, 2
  - ICM geriatrics for rising MS3s
  - TBL on geriatrics for FM Clerkship
  - FM Clerkship students on home visits
  - MS4 Geriatrics elective
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Steven Swedlund, MD

- Took 70 medical students on a home visit, with didactic and clinical instruction
- Presenting information on neurocognitive disorders for MS2 with Drs. Beth Harper, Paul Koles, Rick Sanders.
- Mentored Tiffany Corbean and Nathaniel Brown for OGS scholarship to attend AGS annual national conference.

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Mary Jo Trout, PharmD

- Co-module director- Host & Defense
- Learning activities in:
  - Origins 2
  - Staying Alive
- ICM 2 TBL

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Abi Katz, DO

- Year 3 IM Clerkship Clinical Preceptor
- Year 4 Geriatrics Electives Clinical Preceptor

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### Graduate medical education

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Daniel Swagerty, MD, MPH

- FM Year 2-3 Residency Director and Preceptor for Longitudinal Nursing Home Rotation
- FM Year 3 Residency Geriatrics Rotation Didactic and Clinical Preceptor
- IM Year 3 Residency Geriatrics Rotation Didactic and Clinical Preceptor
- Geriatrics Fellowship Didactic and Clinical Preceptor
- Hospice and Palliative Care Fellowship Program Director, Didactic Presenter and Clinical Preceptor
- Office of GME Program in *Discussing Serious Illness* Discussant and Small Group Facilitator

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Larry Lawhorne, MD

- FM Year 2-3 Residency Preceptor for WSP clinic
- IM Year 3 Residency Preceptor for WSP clinic
- Geriatric Fellow in various settings

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Steven Swedlund, MD

- Precept IM and FM residents in WSPHC 2 days per week.
- Present topics to FM and IM residents at their scheduled didactics.
- Precepted Geriatric Fellow in various clinical settings
- Mentored Geriatric Medicine fellow, Dr. Sachin Manthuruthil for Virginia Woods DAGMEC annual poster session, "Hypertension Masquerading as a Adrenal Cortex Adenoma.", with same poster co-presented at the annual Cardi-OH state conference in May 2019.

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Matthew Peterson, PhD

- Research mentor for HPM and Geriatrics Fellows.
- Didactics Presenter for Geriatrics Rotation:

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Abi Katz, DO

- IM Year 3 Residency Geriatrics Rotation Didactic Presenter
- Geriatrics Fellowship Didactic Presenter and Clinical Preceptor
- Hospice and Palliative Care Fellowship Curriculum Development and Didactic Presenter

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Laura Bedrossian, MD

- Clinical Preceptor IM residents at the Dayton VA : January – June, 2019
- Clinical Preceptor FM residents at Friends Care Center : July – December 2018

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Mary Jo Trout, Pharm D

- Didactics presenter for Geriatrics Rotation

## Continuing Medical Education

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Steven Swedlund, MD

- Geriatrics Grand Rounds
  - Discussing Serious Illness Conference, planning and presenting for 2 sessions.
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Larry Lawhorne, MD

- Geriatrics Grand Rounds
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Mary Jo Trout, PharmD

- Geriatric Update, 2018: planner and presenter
  - Alzheimer's Association: Dementia Dimensions, 2019: Presenter
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Daniel Swagerty, MD, MPH

- Geriatrics Grand Rounds
  - Discussing Serious Illness Conference, planning and presenting for 2 sessions.
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## Other

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Daniel Swagerty, MD, MPH

- Judge for the Virginia Wood Resident Research Forum
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Steven Swedlund, MD

- Judge for the Virginia Wood Resident Research Forum
  - Judge for Cardi-OH state conference presentations.
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# 5 Scholarly Activity

## Funded grants

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Larry Lawhorne, MD

- Ohio Cardiovascular Health Collaborative: The purpose of Cardio-OH is to expand the primary care team capacity to prevent, diagnose and manage cardiovascular disease in Ohio's Medicaid population and identify and address disparities in cardiovascular health care and outcomes affecting the Ohio Medicaid population. The 3-year project is funded by the Ohio Department of Medicaid. Case Western Reserve University is the lead organization. <https://www.cardi-oh.org/>
    - Dr. Lawhorne is WSU site PI year 2, 2018 – 2019 (completed).
    - Dr. Lawhorne is WSU site PI year 3, 2019 – 2020 (confirmed).
  - Diabetes Collaborative will begin July 1, 2019. Its purpose is to expand the primary care team capacity to diagnose and manage diabetes in Ohio's Medicaid population and identify and address disparities in cardiovascular health care and outcomes affecting the Ohio Medicaid population.
    - Dr. Lawhorne is WSU site PI year 1, 2019 - 2020 (confirmed)
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Matthew Peterson, PhD

- 3/22/18-09/30/18, Title, "Validation of Cortical Bone Mechanics Technology," Ohio Development Services Agency Third Frontier Technology Start-Up Fund, **Role: Site Principal Investigator** (PI: AEIOU, LLC.), WSU Site Award Amount: \$30,000
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Daniel Swagerty, MD, MPH

- 7/1/18 – 6/30/19. **Title:** "Kansas Reynolds Project in Aging Medical Education Grants" Donald W, Reynolds Foundation in Aging. **Role: Principal Investigator. Award :** \$30,000 (7/1/18-6/30/19) , \$ 2 M (7/13 – 6/18)
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## Publications

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Mary Jo Trout, PharmD

- Peterson MJ, S Swedlund, K Zechiel, L Bedrossian, **MJ Trout**, K Drasga, G Gataric, D Swagerty, L Lawhorne. Medical care avoidance due to costs- are there underlying reasons? (#C138) *J Am Geriatr Soc.* 66 (S2), 2018.
  - D'Epiro G, **Trout M**. Importance of Pharmacists in Medical Education. Letter to the Editor. *Medical Science Educator* 2018;28:263. Doi:10.1007/s40670-018-0550-5.
  - Yelton L, Holyoke A, **Trout M**, Stolfi A, Roman B. "Peer Instruction: An Analysis of Quality Improvement at Boonshoft School of Medicine (BSOM)". *Medical Science Educator* (2018) Sept 30. Doi:10.1007/s40670-017-0480-7
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## Papers in refereed journals

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Matthew Peterson, PhD

- **Peterson MJ**. The risk factors of performance-based early frailty in midlife and older age. *J Gerontol Geriatr Med*, 4:1-6, 2018. PMID: 29761132
  - **Peterson MJ**, S Geoghegan<sup>#</sup>, LW Lawhorne. An exploratory analysis of potential new biomarkers of cognitive function. *J Gerontol A Biol Sci Med Sci*, 2018. PMID: 29846522
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## Published abstracts

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Matthew Peterson, PhD

- **Peterson MJ**, S Swedlund, K Zechiel, L Bedrossian, MJ Trout, K Drasga, G Gataric, D Swagerty, L Lawhorne. Medical care avoidance due to costs- are there underlying reasons? *J Am Geriatr Soc.* 66 (S2), 2018.
- 

Daniel Swagerty, MD, MPH

- Peterson MJ, S Swedlund, K Zechiel, L Bedrossian, MJ Trout, K Drasga, G Gataric, **D Swagerty**, L Lawhorne. Medical care avoidance due to costs- are there underlying reasons? *J Am Geriatr Soc.* 66 (S2), 2018.
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## Significant presentations

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Larry Lawhorne, MD

- Keynote, Premier Health Geriatrics Update 10/10/2018.
  - Hypertension in the Elderly. Statewide ECHO presentation 4/4/2019.
  - Managing Behavioral Disturbances in People with Dementia. Annual Meeting of the Miami Valley Academy of Family Physicians 5/1/2019.
  - Reconciling Conflicting Recommendations for Older Adults with Hypertension. Annual Cardi OH Symposium 5/17/2019.
  - Hypertension in the Elderly. KMC Grand Rounds 6/14/2019.
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Matthew Peterson, PhD

- Alzheimer's Association of Greater Dayton - Presentation Title: Biomarkers of Cognitive Function
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Daniel Swagerty, MD, MPH

- **Swagerty DL.** “The Quality of End of Life Care in European Nursing Homes” European Union Geriatric Medicine Society Annual Congress (Symposium Co-Chair). Berlin, Germany. October 10, 2018
- **Swagerty DL.** “The IAGG/IAGG GARN International Survey of End of Life Care in Nursing Homes.” European Union Geriatric Medicine Society Annual Congress (Symposium Co-Chair). Berlin, Germany. October 10, 2018
- **Swagerty, DL.** “Palliative Care in Asia-Pacific: Addressing the Needs of Frail and Dying Adults” Philippine Society of Hospice and Palliative Care 1<sup>st</sup> Annual Symposium. Manila, Philippines. October 21, 2018. (Keynote Speaker)
- **Swagerty, DL.** “Palliative Care in the Philippines: Opportunities and Challenges” 6<sup>th</sup> Annual Forum of the Philippine Cancer Society and Philippine Association of Hospices. Manila, Philippines. October 22, 2018.

# 6

## Summary of Service Activities

### Student advising

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Matthew Peterson, PhD

- 2018- Jimmy Johnson, WSU Kinesiology Student
- 2018- Alexandria Nasr, WSU Medical Student

Daniel Swagerty, MD, MPH

- Tiffany Corbean - Class of 2019
- Daniel Keltner – Class of 2019

### Fellow Advising

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Steve Swedlund, MD

- Sachin Manthuruthil. MBBS - – Geriatrics Fellow

Abi Katz, DO

- Arian Majko, MD – HPM Fellow
- Del Kirkpatrick, MD – HPM Fellow

Daniel Swagerty, MD, MPH

- Sachin Manthuruthil, MBBS – Geriatrics Fellow
  - Arian Majko, MD – HPM Fellow
  - Del Kirkpatrick, MD – HPM Fellow
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### Wright State University Boonshoft School of Medicine

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Daniel Swagerty, MD, MPH

- Chair, Department of Geriatrics
- Board of Directors, Member
- Faculty Mentoring

Larry Lawhorne, MD

Matthew Peterson, PhD

Marty Eng, PharmD

Steven Swedlund, MD

Mary Jo Trout, PhamD

Abi Katz, DO

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Steven Swedlund, MD

- Board of Directors, Member
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Matthew Peterson, PhD

- 2018-2020- Elected Member, Boonshoft School of Medicine Research Committee
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Mary Jo Trout, PharmD

- Peer Instruction Review Committee
  - Wright Curriculum Steering Committee
  - USMLE Test Development Writing Committee
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### **Wright State University**

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Matthew Peterson, PhD

- 2016-19- Elected Member, Wright State Graduate Council
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### **Wright State Physicians**

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Daniel Swagerty, MD, MPH

- Geriatric Medicine Clinic Director
  - Board of Directors, Member
  - Finance Committee, Member
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Steven Swedlund, MD

- QAPI committee for Wright State Geriatrics
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### **Hospital or affiliated institution**

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Daniel Swagerty, MD, MPH

- Medical Director of Hospice of Dayton
  - Medical Director of Widows Home of Dayton
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Steven Swedlund, MD

- Medical Director for Hospital Elder Life Program (HELP)
  - Board member for Area Agency on Aging
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Mary Jo Trout, PharmD

- MVH Geriatric Conference Planning Committee
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Abi Katz, DO

- Medical Director of Friends Care Center
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### **National/International**

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Daniel Swagerty, MD, MPH

- Society for Post-Acute and Long Term Care Medicine Foundation, Board of Directors Member
  - European Union Geriatric Medicine Society LTC Special Interest Group, Education Committee Member
  - HRSA Grant/Study Section Reviewer – *Making Health Care Safer in Ambulatory Care Settings and Long Term Care Facilities*
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Matthew Peterson, PhD

- Editorial Board Member, *Journal of Aging and Physical Activity* with 9 manuscript reviews during report period
  - Annual Abstract Reviewer: Gerontological Society of America Annual Meeting
  - 2018-2020 Fellowship Selection Committee, Gerontological Society of America
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Mary Jo Trout, PharmD

- Question Writer for National Board of Medical Education 2018-present
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### State

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Steven Swedlund, MD

- Treasurer, Ohio Geriatrics Society
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### Local Community

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Daniel Swagerty, MD, MPH

- Montgomery County Senior Care Advisory Committee, Member
    - Best Practices Subcommittee, Member
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## 7 Patient Care Summary

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Daniel Swagerty, MD, MPH

- Medical Director, Ohio's Hospice of Dayton
  - Attending , Friends Care Center , Yellow Springs, Ohio
  - Medical Director and Attending Physician, Widow's Home of Dayton
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Larry Lawhorne, MD

- WSP clinic, home visits, nursing facility, assisted living and hospital
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Steven Swedlund, MD

- WSP clinic, home visits, nursing facility, assisted living and hospital
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Mary Jo Trout, PharmD

- Credentialed in Good Standing at MVH
  - Ambulatory Care clinic at WSP
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Abi Katz, DO

- Medical Director and Attending Physician, Friends Care Center , Yellow Springs, Ohio : March – June 2019
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Laura Bedrossian, MD

- Medical Director and Attending Physician, Friends Care Center , Yellow Springs, Ohio : July – December, 2018
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## 8 Honors and Awards

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Daniel Swagerty, MD

- Alpha Omega Alpha (AOA) Epsilon Chapter election (March 2019)
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