



Department of Geriatrics

# Annual Report

January 1, 2017-June 30, 2018

Daniel Swagerty, MD, MPH  
Professor and Chair of Geriatrics

For the period including  
January 1, 2017 — June 30, 2018

# 1

## Statement from the Chair

The period of January, 2017 through June, 2018, has been a time of many successes and a few challenges for the Department of Geriatrics. We successfully stabilized our academic and professional activities in the midst of the most significant financial and organizational difficulties faced by both Wright State University (WSU) and Wright State Physicians, Inc. (WSP) in decades, as well as by the department since its inception 12 years ago. 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 departmental culture has become one of “we”, with each faculty member responsible to the group for our success. Despite the challenges cited above, The Department of Geriatrics has

- Educated a significant number of medical students, resident physicians and a fellow;
- 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 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
  - Recruited 1 fellow for the 2018-2019 academic year
  - Submitted a Kettering Family Foundation grant for \$ 25 K for a mid-career fellowship position, with a matching grant of \$ 25 K from Premier Health or MVH
- 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
  - Initiated 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
- IM and FM Residency
  - Maintained all residency education activities despite the loss of key faculty
  - Revised the residency portfolio of core 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
- Undergraduate
  - Initiated efforts to provide a greater contribution to the SOM’s WrightCurriculum through specific older adult and end-of-life care curricular activities

## Clinical

- Successfully stabilized the financial losses of the department's clinical activities
  - Greatly reduced the use of endowment funds as a source of support for clinical activities through an increase in productivity and reduction in costs. Our 2018-2019 budget eliminated the need for endowment funds.
  - The financial status and operations of all clinical service lines were analyzed, with a plan put into place for the clinical enterprise becoming self-supporting in aggregate by the beginning of FY 2020, then each service line individually self-supporting by FY 2022
  - The clinical productivity of each faculty member was analyzed, with a plan put into place for the each faculty member to support the cost of their own % cFTE through clinical revenue by FY 2020

## 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
  - Developed departmental vision and mission statements
  - Developed a 1 year departmental strategic plan with measurable goal

# 2 Programs/Divisions

<b>Name of Division or Program</b>	<b>Director</b>	<b>Dates</b>
Geriatric Medicine Fellowship	Steven Swedlund, MD	1/1/17 – 6/30/18
Clinical	Daniel Swagerty, MD	4/1/17 – 6/30/18
Research	Matthew Peterson, PhD	1/1/17 – 6/30/18
Administrative	Daniel Swagerty, MD	4/1/17 – 6/30/18

# 3 Fully Affiliated Faculty

Name and Academic Position	Clinical Interests	Research Interests
Daniel Swagerty, MD, MPH	Post-Acute and Long Term Care Medicine, Palliative Care and Hospice	1. Health Services Research in Post-Acute and Long Term Care Medicine, Palliative Care and Hospice. 2. Medical Education
Larry Lawhorne, MD	Primary and Dementia Care of Older Adults	Health Services Research in Primary and Dementia Care of Older Adults
Steven Swedlund, MD	Primary and Dementia Care of Older Adults	1. Health Services Research in Primary and Dementia Care of Older Adults. 2. Medical Education.
Matthew Peterson, PhD	Older Adult Exercise Physiology	Basic Science and Health Services Research in Older Adult Exercise Physiology
Mary Jo Trout, PharmD	Pharmacology and Drug Use in Older Adults	Health Services Research in Pharmacology and Drug Use in Older Adults
Laura Bedrossian, MD	Post-Acute and Long Term Care Medicine	Medical Education

# 4 Teaching

## Baccalaureate

Steven Swedlund, MD

- UD Student-volunteers in the HELP 200 course (Hospital Elder Life Program) (other baccalaureate students from WSU, Sinclair, Miami-Jacobs, and Clark State are in this mix of volunteers, as well.)

Matthew Peterson, PhD

- Spring 2018- HED 3310- Health & Physical Education for ECE

## Graduate students, including thesis supervision

Larry Lawhorne, MD

- One in SOPP: Elizabeth Jackson whose topic is recognition and assessment of dementia in Ohio's prison system.

Matthew Peterson, PhD

- Physical Activity and Aging guest lecture- Chronic Disease Epidemiology, WSU MPH Program

## **Undergraduate medical education**

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### **Daniel Swagerty, MD, MPH**

- Year 1 WrightQ Facilitator – Spring, 2018
  - Year 3 FM Clerkship TBL Facilitator
  - Year 3 IM Clerkship Clinical Preceptor
  - 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**

- Taught an estimated 25 medical students how to do home visits on an estimated 25 home visits during this time period (2 students per 6 weeks, for 17 months= approximately 25 students).
  - Back-up to the main presenters for the MS3 TBLs, and filled in on one occasion in this time period.
  - Participated in MS2 Neurology (Alzheimer's disease cases) TBL during this time period.
  - MS4 Geriatrics elective preceptor
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### **Mary Jo Trout, PharmD**

- Co-course director- Pathobiology & Therapeutics
  - Co-module director- Host & Defense
  - Learning activities in:
    - Origins 2
    - Medical Neurology
    - The Mind
    - Hematology
  - Staying Alive-Legacy version
  - Staying Alive- WrightCurriculum (WC) version
  - Wright Q facilitator- Staying Alive- WC version
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### **Laura Bedrossian, MD**

- MS4 Geriatrics elective preceptor
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## **Graduate medical education**

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### **Daniel Swagerty, MD, MPH**

- FM Year 2-3 Residency 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
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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.
  - Geriatric Fellow Program Director, Didactic and Clinical Preceptor
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Matthew Peterson, PhD

- Research mentor for Sheena Geoghegan, Geriatrics Fellow
  - Didactics Presenter for Geriatrics Rotation:
    - 2/17- Frailty
    - 5/17- Exercise and Aging
    - 4/18- Frailty
    - 5/18- Disability
    - 5/18- Exercise & Aging
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Laura Bedrossian, MD

- FM Year 2-3 Residency Preceptor for Longitudinal Nursing Home Visits
  - FM Year 3 Residency Preceptor
  - Geriatric Fellow Preceptor
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### **Continuing medical education**

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Steven Swedlund, MD

- Geriatrics Grand Rounds
  - GI symposium CME planning committee
  - Miami Valley Academy of Family Physicians CME planning committee
  - Discussing Serious Illness annual seminar.
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Matthew Peterson, PhD

- 11/17- MS1 Scholarship in Medicine Seminar, Wright State University  
Presentation Title: The Fels Longitudinal Study
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Mary Jo Trout, PharmD

- "Drug Interactions with the Aging Population" at Elder care: Mental Health Needs with Seniors-Center for Healthy Communities HealthLink and AHEC Region IV Presentation. June 13, 2017.
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### **Other**

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Daniel Swagerty, MD, MPH

- Community presentations for Area Agency on Aging
  - Community presentations for Alzheimer's Association Miami Valley
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Larry Lawhorne, MD

- Community presentations for Area Agency on Aging
  - Community presentations for Alzheimer's Association Miami Valley
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Matthew Peterson, PhD

- 5/18- Alzheimer's Association Alchemy Meeting Presenter
  - Presentation Title: Biomarkers of Cognitive Function
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# 5 Scholarly Activity

## Funded grants

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Daniel Swagerty, MD, MPH

- Swagerty, D (PI) Griebing T & Bonaminio G. "Kansas Reynolds Next Steps Program in Aging" Donald W. Reynolds Foundation \$ 2 M in Direct Costs/\$ 1 M in Match Completed 9/30/17
  - Swagerty, D (PI) Current Hospice and Palliative Care Practices in Korean Acute Care and Geriatric Hospitals" Kyung Hee Univeristy International Scholars Fund \$ 5000 in Direct Costs Ongoing Study
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**Larry Lawhorne, MD (PI); Steven Swedlund, MD (Co-Investigator); Matthew Peterson, PhD (Co-Investigator); Laura Bedrossian, MD (Co-Investigator); Mary Jo Trout, PharmD (Co-Investigator)**

- Lawhorne (PI) 07/01/2015-06/30/2017 \$464,619  
**Preparing the Workforce for Ohio's Medicaid Population: Addressing the Needs of the Young and the Old.** Medicaid Technical Assistance and Policy Program (MEDTAPP) Healthcare Access Initiative.  
Role: Principle Investigator
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Matthew Peterson, PhD

- 3/22/18-03/22/19, 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
  - 7/1/16-6/30/17, Title, "MEDTAPP Healthcare Access Initiative-Community Health Workers First," State of Ohio, **Role: Co-Investigator** (PI: Cauley), Amount Awarded, \$937,270
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## Publications

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Mary Jo Trout, PharmD

- D'Epiro G & **Trout M.** "Importance of Pharmacists in Medical Education". Letter to the Editor. *Medical Science Educator* (2018) 28: 263.
  - 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.
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## Papers in refereed journals

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Daniel Swagerty, MD, MPH

- Wallace CL, **Swagerty DL**, Barbiqulla M. et al. IAGG/IAGG GARN International Survey of End of Life Care in Nursing Homes. *Journal of American Medical Directors Association*. 2017; 18(6), 465-469.
  - **Swagerty DL.** Integrating Quality Palliative and End of Life Care into the Geriatric Assessment: Opportunities and Challenges. *Clinics in Geriatric Medicine*. 2017; 33(3), 415-429
  - Won CW, Lee SY, **Swagerty DL:** Why Geriatrics is Important for Korea: Lessons Learned in the United States. *Journal of Korean Medical Sciences*. 2018; 33(26):e175
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Matthew Peterson, PhD

- Cowper PA, **MJ Peterson**, CF Pieper, RJ Sloane, KS Hall, ES McConnell, HB Bosworth, CC Ekelund, MP Pearson, MC Morey. An economic evaluation of primary care-based physical activity counseling in older men: the Veterans Learning to Improve Fitness and Function in Elders trial. *J Am Geriatr Soc*. 2017. DOI: 10.1111/jgs.14567.
- Swanton S<sup>#</sup>, A Choh, M Lee, S Czerwinski, LL Laubach, JK Linderman, **MJ Peterson**. BMI associations between mother and offspring from birth to age 18: the Fels Longitudinal Study. *Obesity Science & Practice*. 2017. DOI: 10.1002/osp4.90.
- Banerjee T, **MJ Peterson**, Q Oliver, A Froehle and LW Lawhorne. Validating a commercial device for continuous activity measurement in the older adult population for dementia management. *Smart Health*. DOI: 10.1016/j.smhl.2017.11.001.
- **Peterson MJ**. The risk factors of performance-based early frailty in midlife and older age. *J Gerontol Geriatr Med*, 4:1-6, 2018.
- **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. DOI: 10.1093/gerona/gly122

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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.

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**Significant presentations**

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Daniel Swagerty, MD, MPH

- **Swagerty DL**. "Competencies for Post-Acute and Long Term Care Medicine" European Union Geriatric Medicine Society Annual Symposium (Co-Chair). Nice, France. October 2, 2017

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Daniel Swagerty, MD, MPH; Larry Lawhorne, MD; Steven Swedlund, MD; Matthew Peterson, PhD; Mary Jo Trout, PharmD; Laura Bedrossian, MD

- **Peterson M, Swedlund S, Swagerty DL, Lawhorne LW, Swedlund S, Bedrossian L, Trout M**, et al. "Medical Care Avoidance Due to Costs – Are there Underlying Reasons?" American Geriatrics Society Annual Symposium. Orlando, F. May 3, 2018.

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Matthew Peterson, PhD

- Symposia Presenter at the 21st IAGG World Congress of Gerontology and Geriatrics, San Francisco, CA, July 2017
  - Symposia Title: How Young and Full Adult Lifespan Cohorts Contribute to Our Understanding of Late Life Function
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# 6 Summary of Service Activities

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## Student advising

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Matthew Peterson, PhD

- Scholarship in medicine/research mentor for the following WSU medical students:  
2017- Present, Emily Kugel, WSU Medical Student  
2017- Present, Bridgette Kremer, WSU Medical Student  
2017- Present, Krysta Gorman, WSU Medical Student  
2017- Present, Megan Super, WSU Medical Student  
2018- Present, Alexandria Nasr, WSU Medical Student
  - Present- Internship supervisor for undergraduate Kinesiology student, James Johnson
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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  
Steven Swedlund, MD  
Matthew Peterson, PhD  
Mary Jo Trout, PharmD  
Marty Eng, PharmD  
Laura Bedrossian, MD
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Steven Swedlund, MD

- Bylaws Committee 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
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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
  - Fiance 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)
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Mary Jo Trout, PharmD

- MVH Geriatric Conference Planning Committee
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Laura Bedrossian, MD

- Medical Director of Friends Care Center
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### **State**

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Steven Swedlund, MD

- Treasurer, Ohio Geriatrics Society
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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
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Matthew Peterson, PhD

- Editorial Board Member, *Journal of Aging and Physical Activity*
  - 8 manuscript reviews during report period
  - Other manuscript reviews during report period:
    - Annals of Epidemiology*
    - BMC-Public Health*
  - Annual Abstract Reviewer:
    - Gerontological Society of America Annual Meeting
  - 2017- Grant Application External Reviewer
    - Health Research Board, Republic of Ireland
  - 2017- External Promotion & Tenure Reviewer
    - Leslie Consitt, PhD
  - Ohio University Department of Biomedical Sciences
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Mary Jo Trout, PharmD

- Question Writer for National Board of Medical Education 2016-present
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# 7

## Patient Care Summary

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Daniel Swagerty, MD, MPH

- Inpatient consultant at MVH
  - Established a new relationship with Ohio's Hospice of Dayton as a medical director.
  - Attending , Friends Care Center , Yellow Springs, Ohio
  - Successfully developed a new clinical site at the Widow's Home of Dayton as their medical director and sole attending physician.
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Larry Lawhorne, MD

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

- 1238 office visits
  - 146 home visits
  - 200 Inpatient visits
  - 50 nursing home visits
  - 1634 patient encounters
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Mary Jo Trout, PharmD

- Credentialed in Good Standing at MVH
  - Ambulatory Care clinic at WSP
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Laura Bedrossian, MD

- Nursing Home: 30 patients seen every week.
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# 8

## Honors and Awards

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Mary Jo Trout, PharmD

- Alpha Omega Alpha (AOA) Epsilon Chapter election (April 2017)
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