

**WAKE FOREST SCHOOL OF MEDICINE**  
**Curriculum Vitae**

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Section on Hematology and Oncology  
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EDUCATION

|           |  |
|-----------|--|
| 1990-1994 | University of North Carolina at Chapel Hill<br>Chapel Hill, North Carolina<br>Bachelor of Science in Biology with Honors                             |
| 1994-1998 | Medical University of South Carolina<br>Charleston, South Carolina<br>Doctor of Medicine   |
| 2005-2008 | Wake Forest University Graduate School of the Arts and<br>Sciences<br>Winston-Salem, North Carolina<br>Master of Science in Health Sciences Research |

POSTDOCTORAL TRAINING

|           |  |
|-----------|--|
| 1998-2001 | Internal Medicine Residency<br>Wake Forest University Baptist Medical Center<br>Winston-Salem, North Carolina        |
| 2001-2002 | Geriatrics Fellowship<br>Wake Forest University Baptist Medical Center<br>Winston-Salem, North Carolina              |
| 2003-2006 | Hematology and Oncology Fellowship<br>Wake Forest University Baptist Medical Center<br>Winston-Salem, North Carolina |

PROFESSIONAL LICENSURE

|              |   |
|--------------|---|
| 2006-present | North Carolina Medical Board<br>License # 200001183 |
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## SPECIALTY CERTIFICATION

|            |                    |
|------------|--------------------|
| 2001, 2011 | Internal Medicine  |
| 2002, 2013 | Geriatric Medicine |
| 2006, 2016 | Medical Oncology   |
| 2006       | Hematology         |

## EMPLOYMENT

### Academic Appointments

Wake Forest School of Medicine

|              |   |
|--------------|---|
| 2002-2003    | Instructor, Department of Internal Medicine,<br>Section on Gerontology and Geriatric Medicine |
| 2006-2012    | Assistant Professor, Department of Internal Medicine,<br>Section on Hematology and Oncology   |
| 2012-2018    | Associate Professor, Department of Internal Medicine,<br>Section on Hematology and Oncology   |
| 2018-present | Professor, Department of Internal Medicine<br>Section on Hematology and Oncology              |

## ADMINISTRATIVE SERVICE

### School of Medicine

|            |   |
|------------|---|
| 2014- 2015 | Chair, Nominating Committee for Standing Committee Appointments |
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### Institutional Service

|              |   |
|--------------|---|
| 2007         | Member, Clinical and Population Translational Sciences<br>Graduate Program Planning Committee                                   |
| 2008- 2011   | Member, Women's Forum Executive Council   |
| 2010- 2013   | Member, Intramural Research Support Committee   |
| 2012- 2015   | Member, Faculty Representative Council  |
| 2014         | Member, Pathology Chair Search Committee  |
| 2014- 2015   | Member, Institutional Mentoring Committee   |
| 2015-present | Member, Wake Forest NCORP Executive Steering Committee  |
| 2016- 2018   | Member, Mortality Committee   |
| 2016-present | Leader, Wake Forest Baptist Comprehensive Cancer Center (WFBCCC) Cancer<br>Control and Survivorship Disease Oriented Team (DOT) |
| 2018-present | Chair Elect, Women in Medicine and Science Career Development<br>Subcommittee   |

### Departmental Service

|              |  |
|--------------|--|
| 2006-present | Interviewer, Internal Medicine Residency Applicants        |
| 2006-present | Interviewer, Hematology and Oncology Fellowship Applicants |
| 2008-present | Member, Hematology and Oncology Fellowship Committee       |

## EXTRAMURAL APPOINTMENTS AND SERVICE

### Funding Agency Reviewer

|      |  |
|------|--|
| 2016 | Member, ASH Mentor Award Study Section |
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### Editorial Boards

2010-present Member, Editorial Board for Journal of Geriatric Oncology  
2014-present Associate Editor, Journal of Geriatric Oncology

### Journal Reviewer

2008-present Archives of Internal Medicine  
2008-present ASCO Educational Book  
2010-present Cancer  
2008-present Critical Reviews in Oncology and Hematology  
2010-present Journal of the American Geriatrics Society  
2010-present Journal of Clinical Oncology  
2010-present Journal of Geriatric Oncology  
2008-present Journal of the National Cancer Institute  
2015-present Leukemia Research  
2015-present Leukemia  
2015-present Supportive Care in Cancer  
2014-present The Oncologist  
2014-present Journal of Gerontology  
2015-present Blood  
2015-present Journal of the American Medical Association  
2015-present Journal of Oncology Practice  
2010-present Psycho-Oncology  
2013-present British Medical Journal  
2014-present Journal of the National Comprehensive Cancer Network (JNCCN)

### Advisory Boards

2016- 2020 Member, Oncologic Drugs Advisory Committee of the Food and Drug Administration (FDA)

### Symposium Organizer

5/31/14 Co-Chair, Extended Education Session: "Developing a Geriatric Oncology Presence at Your Academic Institution or Community-Based Practice"  
2014 American Society of Clinical Oncology (ASCO) Annual Meeting  
Chicago, IL

12/05/14 Chair, Scientific Workshop 56<sup>th</sup> ASH Annual Meeting & Exposition  
"Hematology and Aging: Highlighting Novel Science and Developing a Research Agenda"  
San Francisco, CA

12/4/15 Chair, Scientific Workshop 57<sup>th</sup> Annual ASH Meeting and Exposition  
"Hematology and Aging: Highlighting Novel Science and Developing a Research Agenda"  
Orlando, FL

6/4/16 Chair, Extended Education Session: Individualizing Care for Older Adults  
Across the Cancer Care Continuum: Emerging Evidence and Collective Wisdom  
2016 American Society of Clinical Oncology Annual Meeting  
Chicago, IL

- 12/2/16 Co-Chair, Scientific Workshop 58<sup>th</sup> Annual ASH Meeting and Exposition  
"Hematology and Aging: Highlighting Novel Science and Developing a Research  
Agenda"  
San Diego, CA
- 6/22/18 Co-Chair, FDA/ASCO Public Workshop Clinical Outcomes Assessment in  
Clinical Trials.  
FDA, White Oaks Campus  
Silver Springs, MD

## PROFESSIONAL MEMBERSHIPS AND SERVICE

### Extramural Committee Service:

- 2008-present Member, Cancer in the Elderly Subcommittee of the Alliance for Clinical Trials  
in Oncology (Alliance)
- 2010-2015 Quality of Life Liaison, National Cancer Institute (NCI) Leukemia Steering  
Committee
- 2012-2015 Member, ASCO Professional Development Committee  
2013-2014 Chair, ASCO Lifelong Learning Subcommittee
- 2014-present Member, Health Outcomes Subcommittee, Alliance for Clinical Trials in  
Oncology Cooperative Group
- 2015-2018 Member, American Society of Hematology (ASH) Educational Affairs  
Committee
- 2015-2018 Member, ASCO Cancer Research Committee  
2016-2017 Liaison, ASCO Cancer Education Committee  
2016-2017 Track Leader of the Geriatric Oncology Track, ASCO Cancer Education  
Committee
- 2016-2019 Member, Oncologic Drugs Advisory Committee (ODAC) of the Food and  
Drug Administration (FDA)
- 2016-2017 Member, ASCO Guideline Panel on Evaluation and Management of  
Vulnerabilities in Older Patients Undergoing Cancer Treatment
- 2017-present Member, ASCO Disparities in Older Adult Working Group  
2017-2018 Chair Elect, ASCO Clinical Research Committee  
2018-2019 Chair, ASCO Cancer Research Committee  
2018-present Representative, NCI Cancer Care Delivery Research Steering Committee  
(CCDR SC)
- 2018-present Member, ASCO Geriatric Oncology Working Group, Health Equity Committee  
2019-2021 Member, ASH Scientific Affairs Committee

### Extramural Appointments and Activities:

- 2007-present Member, Cancer and Aging Research Group  
2009-2012 Contributing Faculty Member, Cancer in the Elderly Section Faculty of 1000  
2011-2018 Member, ASCO Geriatric Oncology Special Interest Group  
2011, 2012 American Geriatrics Society Abstract Reviewer  
2014-2015 Participant, ASCO Leadership Development Program  
2014-present Associate Editor, Journal of Geriatric Oncology  
2014-present Contributor, Uptodate  
2015 Track Leader, International Society of Geriatric Oncology (SIOG) Annual  
Meeting, Haematological malignancies in the elderly.  
2015 ASH Abstract Reviewer, Health Services Research  
2015-2018 Health Care Systems Research Network and the Claude D. Pepper  
Older Americans Independence Centers (HCSRN-OAICs) Aging  
Initiative Working Group  
2015-present Institutional Principal Investigator for the Alliance for Clinical Trials in

|              |   |
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| 2015-present | Oncology Cooperative Group  |
| 2016         | Member, Board of Directors Alliance for Clinical Trials in Oncology   |
| 2017-2018    | Participant, ASCO Research Summit   |
|              | Steering Committee Member, ASH Acute Myeloid Leukemia MATTERS (Multidisciplinary Approach to Testing and Diagnosis, Evaluation of Risk, and Personalized Treatment Selection) |
| 2017, 2018   | ASCO Annual Meeting Abstract Reviewer, Patient and Survivor Care  |
| 2016-2017    | ASH Education Affairs Committee Working Group Leader, Practice-based Learning and Improvement   |
| 2017-2019    | ASH Maintenance of Certification Working Group  |
| 2019-2024    | External Advisory Board Member, UNC Geriatric Oncology Program, T32 Grant   |
| 2018-present | Member, Board of Trustees Alliance for Clinical Trials in Oncology  |
| 2018-2019    | Guest Editor, Journal of the American Geriatrics Society (JAGS), Mini-Issue on Geriatric Oncology, May 2019, vol 67, Issue 5  |

Professional Memberships:

|              |   |
|--------------|---|
| 2001-2016    | American Geriatrics Society                 |
| 2003-present | Piedmont Oncology Association               |
| 2003-present | American Society of Hematology              |
| 2003-present | American Society of Clinical Oncology       |
| 2005-present | International Society of Geriatric Oncology |

HONORS AND AWARDS

|           |   |
|-----------|---|
| 1994      | Medical University of South Carolina Alumni Scholarship   |
| 1997      | Honors, Family Medicine Core Clerkship, Medical University of South Carolina                      |
| 2002      | American Medical Directors Futures Fellow   |
| 2006-2010 | Fellow, Claude D. Pepper Older Americans Independence Center Research Career Development Core     |
| 2008-2011 | T. Franklin Williams Award Scholar  |
| 2012      | Centers of Excellence in Geriatric Medicine Scholar   |
| 2011-2015 | John A. Hartford Foundation and the American Federation for Aging Research Paul B. Beeson Scholar |
| 2013      | Dr. John Owen Teaching Award, awarded by the Hematology/Oncology Fellows                          |
| 2015      | Nominated for Best Doctors in America   |
| 2017      | Nominated for Best Doctors in America   |
| 2018      | Wake Forest CTSI Mentor Academy   |

GRANT FUNDING

Currently Active Grants

Chronic Disease Research Fund (PI Tallant and Gallagher, **Klepin, CO-I**) 2/1/15-1/31/21  
"Effect of Muscadine Grape Extract (MGE) on Breast and Prostate Cancer"  
The major goals of this project are to investigate the effects of muscadine grape extract on prevention and treatment of breast and prostate cancer. This project includes a Phase 1 trial (Klepin Co-PI) in metastatic solid tumors and a Phase 2 trial investigating the effect of MGE on fatigue among women with triple negative breast cancer (Klepin PI).

5UG1CA189824 (PI Lesser, **Klepin, Executive Steering Committee Member**)  
NCI 8/1/15-7/31/19  
"WF NCORP Research Base" 2,332,090  
Major Goals: This grant funds the Clinical Trials infrastructure which allows Wake Forest

investigators to develop cancer prevention and control clinical trials as well as cancer care delivery research efforts for the NCI-funded NCORP community sites in our network. Wake Forest is one of only two Cancer Center NCORP Research Bases nationally.

NCI R01CA199167-01 (PI Hundley, **Klepin, CO-I**)

9/1/15-8/31/20  
\$425,282

“Understanding and predicting fatigue, CV decline and events after breast CA treatment”  
This multi-center study will fully characterize the time course of Adj-C cardiotoxicity and identify factors that promote subclinical CV dysfunction, exercise intolerance, fatigue, and subsequent CV events among women of different ages and races/ethnicities, ultimately informing future therapies and risk factor prediction models to prevent CV events and thereby improve overall breast cancer-related survival.

Dresner Foundation Grant (PI Abel, **Klepin CO-I**)

11/1/2017-10/31/19  
\$51,000

“A New Paradigm of Transfusion Support with Patients with Myelodysplastic Syndromes”  
This study will use qualitative and quantitative methods to develop a quality of life guided transfusion support protocol for adults with myelodysplastic syndrome.

R21/R33 Grant (PI Hurria, **Klepin Consultant**)

04/1/2018-03/31/2023  
3,007,377

“Geriatric Oncology Research Infrastructure to Improve Clinical Care”  
This grant provides infrastructure support to the Cancer and Aging Research Group to support acceleration of innovative interdisciplinary research at the cancer and aging interface.

P30 AG021332 (PI Kritchevsky, **Klepin CO-lead Research Education Core**)

07/1/2018–06/30/2023  
\$824,942

NIH/NIA

Wake Forest School of Medicine Claude D. Pepper Older Americans Independence Center  
The major goals of this project are the developing, testing and dissemination of effective therapies for the treatment and prevention of physical disability in later life, and training the next generation of leaders in geriatrics research.

NCI R01 (PI Weaver, **Klepin CO-I**)

04/01/2018-03/31/2023  
\$593,374

“Assessing the efficacy and implementation of an EHR tool to assess heart health among survivors”  
This study will assess the impact of an EHR based cardiovascular risk tool to address cardiovascular health for cancer survivors.

### Past Grant History

P30 AG21332 (Kritchevsky, PI: **Klepin, Research Career Development Core Fellow**)

11/1/06-10/31/09  
\$1,371,726

Claude D. Pepper Older Americans Independence Center

The Wake Forest University School of Medicine Pepper Center focuses on research involved in the development, testing and dissemination of effective therapies for treatment and prevention of disability from chronic disease in older adults. Dr. Klepin's research interest in the relationship between physical function and cancer therapy in older adults has been supported since November 2006 and a formal mentoring team fosters her development as an independent investigator.

Wake Forest University Cross Campus Pilot Grant, (**Klepin, Co-PI**)

4/11/07-12/31/08  
\$20,000

"A Feasibility Study of a Physical Activity Intervention in Older Adult In-patients with Acute Leukemia"

Purpose: The Cross Campus Pilot Grant mechanism fosters interdisciplinary research collaboration between multiple principal investigators, to support future external grant applications. The goal of this study is to demonstrate the feasibility of conducting a randomized clinical trial to test the effectiveness of a physical activity intervention for older adult patients with acute leukemia who are undergoing induction or reinduction chemotherapy on physical and psychological health.

Wake Forest University Intramural Grant (**Klepin, PI**) 6/13/07-6/30/08  
\$5,335

"Inpatient Functional and Cognitive Assessment in Older Adults with Acute Myelogenous Leukemia"

Purpose: This intramural grant provides pilot funds to support future external grant applications. The goal of this study is to demonstrate feasibility of conducting bedside assessment of cognition and physical function (self-report and objective physical performance) on older adults with newly diagnosed acute myelogenous leukemia prior to induction chemotherapy.

American Cancer Society Grant (Foley PI, **Klepin, Co-I**) 3/1/08-12/31/08  
"Colon Cancer Treatment, Surveillance, and Survival among the Poor" \$228,504

Purpose: In this study we aim to describe patient, health services, and community characteristics associated with treatment and recurrence surveillance in poor individuals diagnosed with colon cancer, and to describe the impact of treatment and recurrence on survival in the same population.

American Society of Hematology (ASH) ASP-ASH Junior Faculty Scholar Award in Clinical/Translational Research (**Klepin, PI**) 7/1/08-6/30/11  
\$150,000

"Investigating the Relationship between Physical Function, Comorbidity, Cytogenetic Risk Group and Prognosis in Older Adults with Acute Myelogenous Leukemia"

Purpose: This career development grant provides salary support and funds for implementation of a 2-3 year project. The goal of this project is to investigate the predictive value of pretreatment self-report physical function and objective performance assessment on treatment related mortality in older adults with acute leukemia and to evaluate interactions between cytogenetic risk groups and physical function.

Comprehensive Cancer Center of Wake Forest University/ Pepper Center Joint Pilot Grant  
(**Klepin, PI**) 7/1/10-6/30/11  
\$20,000

"Systemic inflammation, functional decline and treatment outcomes among older adults receiving chemotherapy for acute myelogenous leukemia (AML)"

The purpose of this study is to investigate the relationship between systemic biomarkers of inflammation, treatment associated physical disability, and response to therapy for older adults receiving induction chemotherapy for AML.

R01 AG037037-01A1 (Hurria, P.I. **Klepin, Co-I**): 8/1/2011-4/30/2017  
NIH/NCI

Clinical and Biological Predictors of Chemotherapy Toxicity in Older Adults

Major Goals: The goal of the proposed research is to develop a predictive model for adjuvant chemotherapy tolerance among older breast cancer patients utilizing pretreatment geriatric assessment and biomarkers associated with frailty.

The Hartford Foundation Center of Excellence at Wake Forest University (Williamson PI, **Klepin, Hartford Scholar**) 7/1/11-9/1/11

Sponsor: Hartford Foundation \$ 70,000

Major Goals: The Hartford Foundation Center of Excellence at Wake Forest University is a comprehensive plan to strengthen the geriatrics education and training at all levels of learning. The focus of the proposal is to heighten interest in geriatrics and to develop a cadre of academic junior faculty with clinical and research skills.

1K23AG038361 (**Klepin, PI**)  
NIA/NIH/AFAR

9/1/2011-8/31/2015  
\$ 679,183

Paul B. Beeson Patient-Oriented Research Career Development Award in Aging

“Minimizing Physical Function Decline in Older Adults Receiving Chemotherapy”

Major Goals: The goals of this career development award are to: 1) Develop expertise in the measurement of physical function in older cancer patients, 2) Develop expertise and experience in the design and execution of randomized physical activity interventions in older cancer patients, and 3) Develop leadership and independence as a clinician researcher in geriatric oncology.

Gabrielle’s Angel Foundation for Cancer Research (**Klepin, PI**)  
Integrative Medicine Award

1/1/2012-12/31/14  
\$202,500

“Minimizing Physical Function Decline in Older Adults Receiving Chemotherapy”

Major Goals: This ancillary grant to the K23 project provides resources to perform the randomized exercise intervention among older adults with leukemia and rapidly disseminate results.

## BIBLIOGRAPHY

### Peer-Reviewed Publications

1. Mendonca, VM, **Klepin HD**, Matson S. DNA helicases in recombination and repair: Construction of a *uvrDhelDrecQ* mutant deficient in recombination and repair. *J Bacteriol* 1995;177:1326-1335.
2. Hurria A, Balducci L, Naeim A, Gross C, Mohile S, **Klepin H**, Tew W, Downey L, Gajra A, Owusu C, Sanati H, Suh T, Figlin R. Mentoring junior faculty in geriatric oncology: Report from the Cancer and Aging Research Group. *J Clin Oncol* 2008;26:3125-3127.
3. Hartmann EL, Kitzman D, Rocco M, Leng X, **Klepin H**, Gordon M, Rejeski J, Berry M, Kritchevsky S. Physical function in older candidates for renal transplantation: An impaired population. *Clin J Am Soc Nephrol* 2009;4:588-594.
4. **Klepin HD**, Balducci L. Acute myelogenous leukemia in older adults. *Oncologist* 2009;14:222-232.
5. **Klepin H**, Mohile S, Hurria A. Geriatric assessment in older patients with breast cancer. *J Natl Compr Canc Netw* 2009;7:226-236.
6. **Klepin HD**, Geiger AM, Tooze JA, Newman AB, Colbert LH, Bauer DC, Satterfield S, Pavon J, Kritchevsky SB. Physical performance and subsequent disability and survival in older adults with malignancy: Results from the Health Aging and Body Composition Study. *J Am Geriatr Soc* 2010;58:76-82.
7. **Klepin HD**, Danhauer SC, Tooze JA, Stott K, Daley K, Vishnevsky V, Powell BL, Mihalko SL. Exercise for older adult inpatients with acute myelogenous leukemia: A pilot study. *J Geriatr Oncol* 2011;2:11-17.
8. Foley KL, Tooze JA, **Klepin HD**, Song EY, Geiger, AM. Adjuvant chemotherapy among Medicaid-enrolled patients diagnosed with non-metastatic colon cancer. *Am J Clin Oncol* 2011;34:120-4.
9. Horton JK, Gleason JF, **Klepin HD**, Isom S, Fried DB, Geiger AM. Age-related disparities in the use of radiotherapy for treatment of localized soft tissue sarcoma. *Cancer* 2011;117:4033-40.
10. Hurria A, Togawa K, Mohile SG, Owusu C, **Klepin HD**, Gross C, Lichtman SM, Gajra A, Bhatia S, Katheria V, Klapper S, Hansen K, Ramani R, Lachs M, Wong FL, and Tew WP. Predicting chemotherapy toxicity in older adults with cancer: A prospective multicenter study. *J Clin Oncol* 2011;29:3457-65.
11. **Klepin HD**, Geiger AM, Tooze JA, Kritchevsky SB, Williamson JD, Ellis LR, Levitan D, Pardee TS, Isom S, Powell BL. The feasibility of inpatient geriatric assessment for older adults receiving induction chemotherapy for acute myelogenous leukemia. *J Am Geriatr Soc* 2011;59:1837-46.



12. Foley KL, Song EY, **Klepin HD**, Geiger, AM, Tooze JA. Screening colonoscopy among colorectal cancer survivors insured by medicaid. *Am J Clin Oncol* 2012;35:205-11.
13. Maggiore RJ, Gross CP, Togawa K, Tew WP, Mohile SG, Owusu C, **Klepin HD**, Lichtman SM, Gajra A, Ramani R, Katheria V, Klapper SM, Hansen K, Hurria A, on behalf of the Cancer and Aging Research Group (CARG). Use of complementary medications among older adults with cancer. *Cancer* 2012;118:4815-4823.
14. Alibhai SM, O'Neill S, Fisher-Schlombs K, Breunis H, Brandwein JM, Timilshina N, Tomlinson GA, **Klepin HD**, Culos-Reed SN. A clinical trial of supervised exercise for adult inpatients with acute myeloid leukemia (AML) undergoing induction chemotherapy. *Leuk Res* 2012;36:1255-61.
15. Mohile SG, **Klepin HD**, Rao AV. Considerations and controversies in the management of older patients with advanced cancers. American Society of Clinical Oncology Educational Book; 2012:321-328.
16. Mohile S, Hardt M, Tew W, Owusu C, **Klepin H**, Gross C, Gajra A, Lichtman S, Feng T, Togawa K, Ramani R, Katheria V, Hansen K, Hurria A. On Behalf of the Cancer and Aging Research Group. Toxicity of Bevacizumab in Combination with Chemotherapy in Older Patients. *Oncologist* 2013, 18(4):408-14.
17. **Klepin HD**, Geiger AM, Tooze JA, Kritchevsky SB, Williamson JD, Pardee TS, Ellis LR, Powell BL. Geriatric assessment predicts survival for older adults receiving induction chemotherapy for acute myelogenous leukemia. *Blood* 2013, May 23;121(21):4287-94.
18. Won E, Hurria A, Feng T, Mohile S, Owusu C, **Klepin HD**, Gross C, Lichtman S, Gajra A, Tew W on behalf of the Cancer and Aging Research Group (CARG). CA125 Level Association with Chemotherapy Toxicity and Functional Status in Older Women with Ovarian Cancer. *Int J Gynecol Oncol*, 2013, Jul;23(6): 1022-8.
19. Tawfik B, Sliesoraitis S, Lyerly L, **Klepin HD**, Lawrence L, Isom S, Ellis LR, Manuel M, Dralle S, Berenzon D, Powell BL, Pardee T. Efficacy of the Hypomethylating Agents as Frontline, Salvage or Consolidation Therapy in Adults with Acute Myeloid Leukemia (AML). *Annals of Hematology* 2014 Jan;93(1):47-55. doi: 10.1007/s00277-013-1940-9. Epub 2013 Oct 23.
20. Murphy RA, Bureyko TF, Newman AB, Cauley JA, Satterfield S, Hue TF, **Klepin HD**, Miljkovic I, Cummings SR, Harris TB for the Health, Aging, and Body Composition Study. Association of total adiposity and computed tomographic measures of regional adiposity with incident cancer risk: a prospective population-based study of older adults, in *Applied Physiology, Nutrition, and Metabolism*, 2014 Jun;39(6):687-92. doi:10.1139/apnm-2013-0360. Epub 2013 Dec. 4.
21. **Klepin HD**; Tooze J; Song EY; Geiger AM; Foley KL. Age-related treatment disparities among Medicaid beneficiaries with metastatic colorectal cancer. *Journal of Gerontology and Geriatric Research* 2013, Dec 1;2(4):134.
22. **Klepin HD**, Rizzieri D, Palumbo A, Magarotto V, Eichhorst B. Individualizing Treatment Decisions for Older Adults with Hematologic Malignancies. American Society of Clinical Oncology Educational Book; 2013: 208-19.
23. **Klepin HD**, Geiger AM, Bandos H, Costantino JP, Rapp S, Sink KM, Lawrence JA, Atkinson HH, Espeland MA. Cognitive factors associated with adherence to oral anti-estrogen therapy: Results from the Cognition in the Study of Tamoxifen and Raloxifene (Co-STAR) Study. *Cancer Prevention Research* 2014 Jan;7(1):161-8. doi: 10.1158/1940-6207.CAPR-13-0165. Epub 2013 Nov 19.
24. Maggiore RJ, Dale W, Gross CP, Feng T, Tew WP, Mohile SG, Owusu C, **Klepin HD**, Lichtman SM, Gajra A, Ramani R, Katheria V, Zavala L, Hurria A, on behalf of the Cancer and Aging Research Group (CARG). Polypharmacy among Older Adults with Cancer Undergoing Chemotherapy: Impact on

- Chemotherapy-Related Toxicity and Hospitalization During Treatment. *Journal of the American Geriatrics Society* 2014 Aug; 62(8): 1505-12. doi: 10.1111/jgs. 12942. Epub 2014 Jul 15.
25. **Klepin, HD**, Brandelyn NP, Ballman KV, Kornblith AB, Hurria A, Winer EP, MD4; Hudis C, Cohen HJ, Muss HB, Kimmick GG, for the Alliance for Clinical Trials in Oncology. Comorbidity, Chemotherapy Toxicity, and Outcomes Among Older Women Receiving Adjuvant Chemotherapy for Breast Cancer on a Clinical Trial: CALGB 49907 and CALGB 361004 (Alliance). *Journal of Oncology Practice* 2014 Sep 10(5):e285-92. Doi: 10.1200/JOP.2014.001388. Epub 2014 Jul 29. PMID: 25074878.
  26. Elliot K, A. Tooze JA, Geller R, Powell BL, Pardee TS, MD, Ritchie E, Kennedy L, Callahan KE, **Klepin HD**. The prognostic importance of polypharmacy in older adults treated for acute myelogenous leukemia (AML). *Leukemia Research* 2014 Oct;38(10):1184-90. Doi: 10. 1016/j.leukres.2014.06.018. Epub 2014 Jul 7.
  27. Weiss T, Nelson C, Tew W, Hardt M, Mohile S, Owusu C, **Klepin HD**, Gross G, Gajra A, Lichtman S, Ramani R, Katheria V, Zavala L, Hurria A. The Relationship among Age, Anxiety, and Depression in Older Adults with Cancer. *Psycho-Oncology* 2014 Aug 6. doi: 10.1002/pon.3638.
  28. **Klepin HD**, Rao A, Pardee TS. Acute myeloid leukemia and myelodysplastic syndromes in older adults. *Journal of Clinical Oncology*, 2014 Aug 20;32(24): 2541-52.
  29. Garja A, **Klepin HD**, Feng T, Tew W, Mohile S, Owusu C, Gross C, Lichtman S, Wildes T, Chapman A, Dotan E. Predictors of Chemotherapy Dose Reduction at First Cycle in Patients Age 65 years and Older. *Journal of Geriatric Oncology* 2015 Feb 6. Epub ahead of print.
  30. Ahmed T, Holwerda S, **Klepin HD**, Isom, Ellis LR, Lyerly S, Manuel M, Dralle S, Berenzon D, Powell BL, Pardee TS. High dose cytarabine, mitoxantrone and L-asparaginase (HAMA) salvage for relapsed or refractory acute myeloid leukemia (AML) in the elderly. *Leuk Res.*2015 Sep;39(9):945-9. doi:10.1016/j.leukres.2015.05.10. PMID: 26154683
  31. Owusu C, Cohen H, Feng T, Tew W, Mohile S, **Klepin H**, Gross C, Gajra A, Lichtman S, and Hurria A. Anemia and functional disability in older adults with cancer. *J Natl Compr Canc Netw.* 2015 Oct; 13(10):1233-9. PMID: 26483063.
  32. **Klepin HD**, Rodin M, Hurria A. Treating Older Adults with Cancer: Geriatric Perspectives. American Society of Clinical Oncology Educational Book. 2015; 35; 544-52.
  33. Izano M, Wei E, Tai C, Gregorich S, Harris TB, **Klepin H**, Swede H, Satterfield S, Murphy R, Newmann AB, Rubin S, Braithwaite D. Chronic Inflammation and Risk of Colorectal and Other Obesity-Related Cancers: the Health, Aging and Body Composition Cohort Study. *International J of Cancer.* 2016 Mar 1;138(5):1118-28. doi: 10.1002/ijc.29868 Epub 2015 Oct 19. PMID:26413860
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Invited Publications (Editorially Reviewed)

1. **Klepin HD**, McMullen KP, Lesser GL. Esthesioneuroblastoma. *Curr Treat Options Oncol* 2005;6:509-518.
2. **Klepin HD**, Hurd DD. Autologous transplantation in elderly patients with multiple myeloma: Are we asking the right questions? *Bone Marrow Transplant* 2006; 38:585-92.
3. Baer MR, **Klepin HD**, Artz AS. Acute leukemia in older adults: Are we treating too much or too little? In: Govindan R, ed. *American Society of Clinical Oncology Educational Book*. 44<sup>th</sup> Annual Meeting. Alexandria (VA): ASCO; 2008: 216-223.
4. **Klepin HD**, Powell BL. White cell disorders. In: Halter JB, Ouslander JG, Tinetti ME, Studenski S, High KP, Asthana S, Hazzard WR, Wollard NF, eds. *Hazzard's geriatric medicine and gerontology*. 6<sup>th</sup> ed. New York: McGraw Hill Medical; 2009:1215-1227. Updated 2015.
5. **Klepin, HD**, Hurd DD. The role of allogeneic transplantation for multiple myeloma in older adults. In: Laughlin MJ, Lazarus HM, eds. *Allogeneic stem cell transplantation*. 2<sup>nd</sup> ed. Totowa (NJ): Humana Press; 2009:127-142. (Contemporary hematology).
6. **Klepin HD**, Powell BL. Management of myelodysplasia in older adults. In: Hurria A, Cohen HJ, eds. *Practical geriatric oncology*. New York: Cambridge University Press;2010:221-229.
7. **Klepin HD**, Powell BL. Management of myelodysplastic syndromes and acute leukemia in the elderly. *Pathy's principles and practice of geriatric medicine*, 5th ed. West Sussex: Wiley-Blackwell; 2012:375-385.
8. **Klepin HD**, Mohile S, Mihalko M. Exercise for older cancer patients: Feasible and helpful? In: Extermann M, ed. *Cancer and aging. From bench to the clinics*. Karger; 2013.
9. **Klepin HD**, Pardee TS. Acute myeloid leukemia. In: Wedding U, Audisio R, eds. *Management of*

hematological cancer in older people. New York: Springer; 2013.

10. **Klepin HD.** Geriatric perspective: How to assess fitness for chemotherapy in acute leukemia. American Society of Hematology Educational Program. 2014 Dec 5; 2014 (1): 8-13.
11. Larson RA, **Klepin HD.** Pretreatment evaluation and prognosis of acute myeloid leukemia in older adults. In: Connor RF, ed. [www.uptodate.com](http://www.uptodate.com) 2013.
12. **Klepin HD.** Cancer in gerontological context. J Gerontol A Biol Sci Med Sci. 2015 Jun; 70(6):699-700. doi; 10.1093/gerona/glv024. Epub 2015 Apr. 7. PMID: 28582091.
13. **Klepin HD.** Elderly acute myeloid leukemia: assessing risk. Curr Hematol Malig Rep. 2015 Jun; 10(2):118-25. doi: 10.1007/s11899-015-0257-2. PMID:25939828.
14. **Klepin HD.** Are We Falling Short? Incorporating Falls Assessment Into Cancer Care for Older Adults. J Oncol Pract. 2015 Nov;11(6):475-7. doi: 10.1200/JOP.2015.006684. Epub 2015 Sep 22.
15. **Klepin HD.** Definition of Unfit for Standard Acute Myeloid Leukemia Therapy. Curr Hematol Malig Rep. 2016 Sept. 28. PMID: 27681539
16. **Klepin, HD.** Minimizing Frailty in Cancer Survivors: A Meaningful Goal for All Ages. Podcast. *Journal of Clinical Oncology* 2016.
17. Rosko A, Wildes T, Olin R, Stauder Rn, Artz A, **Klepin HD.** A Call to Action in Hematologic Disorders: A Report from the ASH Scientific Workshop on Hematology and Aging Journal. *Journal of Geriatric Oncology.* 2018 Jul;9(4):287-290. doi: 10.1016/j.jgo.2018.04.006. Epub 2018 May 16
18. **Klepin HD, Wildes TM.** Fighting for the integration of geriatric principles into oncology. *Journal of Geriatric Oncology.* 2018 Jun 3. pii: S1879-4068(18)30217-0. doi: 10.1016/j.jgo.2018.05.013. [Epub ahead of print]
19. Pal SK, Miller MJ, Agarwal N, Chang SM, Chavez-MacGregor M, Cohen E, Cole S, Dale W, Magid Diefenbach CS, Disis ML, Dreicer R, Graham DL, Henry NL, Jones J, Keedy V, **Klepin HD,** Markham MJ, Mittendorf EA, Rodriguez-Galindo C, Sabel MS, Schilsky RL, Sznol M, Tap WD, Westin SN, Johnson BE. 1. Clinical Cancer Advances 2019: Annual Report on Progress Against Cancer From the American Society of Clinical Oncology. *J Clin Oncol.* 2019 Jan 31;JCO1802037. doi: 10.1200/JCO.18.02037. Epub 2019 Jan 31. PMID: 30702028.
20. Loh KP, Pardee TS, **Klepin HD.** Acute Myeloid Leukemia in Older Adults. Springer Nature Switzerland AG 2019 M. Extermann (e.d.), Geriatric Oncology, [https://doi.org/10.1007/978-3-319-44870-1\\_42-1](https://doi.org/10.1007/978-3-319-44870-1_42-1)
21. **Klepin HD, Wildes TM.** Geriatric Oncology: Getting Even Better with Age. J Am Geriatr Soc. 2019 May;67(5):871-872. doi: 10.1111/jgs.15947. Epub 2019 Apr 22.
22. **Klepin HD, Estey E, Kadia T.** More Versus Less Therapy for Older Adults with Acute Myeloid Leukemia: New Perspectives on an Old Debate. Am Soc Clin Oncol Educ Book. 2019 Jan; 39:421-432. Doi: 10.1200/EDBK\_239097. Epub 2019 May 17.

#### Books

1. Section Editor, Geriatric Oncology, Springer (2018-2019)

#### Miscellaneous Publications

1. **Klepin, HD,** Wagle E, Gotay C. HemOnc Today. October 25, 2017. [Healio.com/HemOnc](http://Healio.com/HemOnc). Point/Counter. Are patient-reported outcomes data sufficient to safely reduce face-to-face oncology visits?

2. Loh KP, **Klepin H**. Incorporating Physical Function and Cognition Into Mortality Risk Assessment for Acute Myeloid Leukemia *JAMA Oncol*. 2018 May 17. doi: 10.1001/jamaoncol.2018.0674. [Epub ahead of print] No abstract available.
3. Gajra A, Loh KP, Hurria A, Muss H, Maggiore R, Dale W, **Klepin HD**, Magnuson A, Lichtman SM, Williams GR, Shahrokhni A, Mohile SG. Comprehensive Geriatric Assessment-Guided Therapy Does Improve Outcomes of Older Patients With Advanced Lung Cancer. *J Clin Oncol*. 2016 Aug 22. pii: JCO675926. [Epub ahead of print]

#### PRESENTATIONS AT PROFESSIONAL MEETINGS

1. Atkinson HH, **Klepin HD**, Haber M. Challenges of subacute care for clinical geriatrics fellows. 2002 American Geriatrics Society Annual Meeting, May 8-12, Washington, DC.
2. **Klepin HD**, Harish VC, Lovato J, Keung YK, Hurd DD. Transplant related mortality in older adults undergoing autologous stem cell transplantation. 2006 American Geriatrics Society Annual Meeting, May 3-7, Chicago, IL.
3. **Klepin HD**, Harish VC, Lovato J, Keung Y, Owen J, Hurd DD. Predictors of autologous stem cell transplant related mortality in older adults. 2006 American Society of Clinical Oncology Annual Meeting, June 2-6, Atlanta, GA.
4. **Klepin HD**, Geiger AM, Tooze J, Newman AB, Colbert LH, Bauer DC, Satterfield S, Pavon J, Kritchevsky S. Physical performance measures predict survival in older cancer patients: The Health Aging and Body Composition Study (Health ABC). 2008 American Geriatrics Society Annual Meeting, April 30-May 4, Washington, DC.
5. **Klepin HD**, Geiger AM, Tooze J, Newman AB, Colbert LH, Bauer DC, Satterfield S, Pavon J, Kritchevsky S. Physical performance measures and progression to major disability or death in older cancer patients: The Health Aging and Body Composition Study (Health ABC). 2008 American Society of Clinical Oncology Annual Meeting, May 30-June 3, Chicago, IL.
6. **Klepin HD**, Ellis LR, Levitan DL, Tooze J, Powell BL. Feasibility of inpatient geriatric assessment for older adults with acute myelogenous leukemia. 2009 American Geriatrics Society Annual Meeting, April 30-May 3, Chicago, IL.
7. **Klepin HD**, Song EY, Geiger AM, Tooze JA, Foley KL. Influence of age on receipt of chemotherapy for adult Medicaid beneficiaries with metastatic colorectal cancer. 2009 American Society of Clinical Oncology Annual Meeting, May 28-June 2, Orlando, FL.
8. Hurria A, Mohile S, Lichtman S, Owusu C, **Klepin H**, Gross C, Hansen K, Klapper S, Togawa K, Tew W. Geriatric assessment of older adults with cancer: Baseline data from a 500 patient multi-center study. 2009 American Society of Clinical Oncology Annual Meeting, May 28-June 2, Orlando, FL.
9. **Klepin HD**, Danhauer SC, Tooze JA, Mihalko SL. A Pilot Study of a Physical Activity Intervention for Older Adult Inpatients with Acute Myelogenous Leukemia. Oral presentation. 2009 International Society of Geriatric Oncology Annual Meeting, October 16-17, Berlin, Germany. *Oral presentation*.
10. **Klepin HD**, Danhauer SC, Tooze JA, Stott KK, Jesse MT, Mihalko SL. Feasibility of a Physical Activity Intervention for Older Adult Inpatients with Acute Leukemia. 2009 Gerontological Society of America Annual Meeting, November 18-22, Atlanta, GA.
11. **Klepin HD**, Geiger AM, Williamson J, Kritchevsky S, Tooze JA, Ellis LR, Levitan D, Isom S, Powell, BL. Inpatient geriatric assessment detects impairment among older adults receiving induction chemotherapy for acute myelogenous leukemia. 2009 American Society of Hematology Annual Meeting, December 4-8,



New Orleans, LA.

12. **Klepin HD**, Geiger AM, Costantino JP, Sink KM, Lawrence JA, Espeland MA. Association between domain-specific cognitive function and adherence to oral anti-cancer therapy: Results from Cognition in the Study of Tamoxifen and Raloxifene (Co-STAR). 2010 American Geriatrics Society Meeting, May 12-15, Orlando, FL.
13. Hurria A, Togawa K, Mohile SG, Owusu C, **Klepin HD**, Gross C, Lichtman SM, Katheria , Klapper S, Tew WP, on behalf of the Cancer and Aging Research Group. Predicting chemotherapy toxicity in older adults with cancer: A prospective 500-patient multicenter study. 2010 American Society of Clinical Oncology Annual Meeting, June 4-10, Chicago, IL.
14. **Klepin HD**, Tooze JA, Geiger AM, Williamson J, Kritchevsky S, Ellis LR, Levitan D, Timothy Pardee S, Isom S, Powell, BL. Geriatric assessment predicts overall survival among older adults receiving induction chemotherapy for acute myelogenous leukemia. 2010 American Society of Hematology Annual Meeting, December 3-7, Orlando, FL.
15. Geller R, Tooze JA, Powell BL, **Klepin HD**. The prevalence and prognostic significance of polypharmacy in older adults treated for acute myelogenous leukemia (AML). 2011 American Society of Geriatrics Annual Meeting, May, National Harbor, MD.
16. RJ Maggiore, CP Gross, K Togawa, WP Tew, SG Mohile, **HD Klepin**, SM Lichtman, C Owusu, A Gajra, V Katheria, S Klapper, K Hansen, R Ramani, A Hurria, for the Cancer and Aging Research Group (CARG). Herbal and complementary medication use among older adults with cancer. 2011 American Society of Geriatrics Annual Meeting, May, National Harbor, MD.
17. **Klepin HD**, Gajra A, Hardt M, Tew W, Mohile SG, Owusu C, Gross C, Lichtman SM, Ramani R, Brown J, Katheria V, Jayani R, Hansen K, Togawa K, Klapper S, Hurria A. Cancer and Aging Research Group. Predictors of primary dose reduction (PDR) among patients (pts) age 65 and older receiving adjuvant chemotherapy (chemo). 2011 American Society of Clinical Oncology Annual Meeting, June 3-7, Chicago, IL. *Oral presentation.*
18. Gajra A, Hardt M, Tew W, Mohile SG, Owusu C, **Klepin HD**, Gross C, Lichtman SM, Ramani R, Brown J, Katheria V, Jayani R, Hansen K, Togawa K, Klapper S, Hurria A. Cancer and Aging Research Group. Primary dose reduction (PDR) of chemotherapy (chemo) in patients (pts) older than age 65 with advanced cancer (Ca) and toxicity outcomes. 2011 American Society of Clinical Oncology Annual Meeting, June 3-7, Chicago, IL.
19. Owusu C, **Klepin HD**, Kimmick GG, Sutton L, Brufsky A. Safety and efficacy of single-agent adjuvant trastuzumab in older women with breast cancer. 2011 American Society of Clinical Oncology Annual Meeting, June 3-7, Chicago, IL.
20. Watson GT, Russell GB, **Klepin HD**, Levine EA, Monjazebe A, Mishra G, Blackstock AW, Aklilu M. A comparison of patient characteristics and outcomes in elderly compared to younger patients with esophageal cancer (EC). 2011 American Society of Clinical Oncology Annual Meeting, June 3-7, Chicago, IL.
21. Maggiore RJ, Gross CP, Hardt M, Tew WP, Mohile SG, **Klepin HD**, Lichtman SM, Owusu C, Gajra A, Ramani R, Katheria V, Brown J, Jayani R, Hurria A. Polypharmacy, potentially inappropriate medications, and chemotherapy-related adverse events among older adults with cancer. 2011 American Society of Clinical Oncology Annual Meeting, June 3-7, Chicago, IL.
22. O'Neill S, Fisher-Schlombs K, Breunis H, Culos-Reed SN, **Klepin HD**, Brandwein J, Tomlinson GA, Alibhai SMH. A pilot study of an exercise intervention for AML patients undergoing induction chemotherapy. 2011 American Society of Clinical Oncology Annual Meeting, June 3-7, Chicago, IL.
23. Sparling AS, Song EY, **Klepin HD**, Foley KL. Is distance to provider an obstacle to adjuvant

- chemotherapy? Evidence from the N.C. Medicaid-enrolled colon cancer patients. 2011 Academy Health Conference, June 12, Seattle, WA.
24. Owusu C, Tew WP, Hardt M, Mohile SG, **Klepin HD**, Gross CP, Gajra A, Lichtman SM, Ramani R, Katheria V, Zavala L, Hurria A. Anemia and functional disability in older adults with cancer. 2012 American Society of Clinical Oncology Annual Meeting, June 1-5, Chicago, IL.
  25. **Klepin HD**, Pitcher B, Ballman KV, Kimmick GG, Kornblith AB, Cohen HJ, Hurria A, Winer EP, Hudis C, Muss HB. Comorbidity, chemotherapy toxicity, and outcomes among older women receiving adjuvant chemotherapy for breast cancer (BC). 2012 American Society of Clinical Oncology Annual Meeting, June 1-5, Chicago, IL.
  26. Hurria A, Hardt M, Tew WP, Mohile SG, Owusu C, Gross CP, Gajra A, Lichtman SM, Katheria V, Ramani R, Zavala L, **Klepin HD**, on behalf of the Cancer and Aging Research Group (CARG). Factors associated with life expectancy (LE) <3 months (mo) among older adults receiving palliative chemotherapy (chemo). 2012 American Society of Clinical Oncology Annual Meeting, June 1-5, Chicago, IL.
  27. Gajra A, Tew WP, Hardt M, Mohile SG, Owusu C, **Klepin HD**, Gross CP, Lichtman SM, Katheria V, Hurria A, on behalf of the Cancer and Aging Research Group (CARG). Predictors of early discontinuation of chemotherapy (EDC) in patients (pts) age 65 or older with stage IV non-small cell lung cancer (NSCLC). 2012 American Society of Clinical Oncology Annual Meeting, June 1-5, Chicago, IL.
  28. Weiss T, Nelson CJ, Tew WP, Hardt M, Mohile SG, Owusu C, **Klepin HD**, Gross CP, Gajra A, Lichtman SM, Ramani R, Katheria V, Zavala L, Hurria A, Cancer and Aging Research Group. The relationship among age, anxiety, and depression in older adults with cancer. 2012 American Society of Clinical Oncology Annual Meeting, June 1-5, Chicago, IL.
  29. **Klepin HD**, Tooze JA, Pardee TS, Ellis LR, Kritchevsky S, Powell BL. Impact of intensive chemotherapy on physical, cognitive, and emotional health among older adults with acute leukemia. 2012 International Society of Geriatric Oncology Meeting, October 25-27, Manchester, UK.
  30. Maggiore RJ, Feng T, Dale W, Gross CP, Tew WP, Mohile SG, Owusu C, **Klepin HD**, Lichtman SM, Gajra A, McKoy JM, Katheria V, Ramani R, Jayani R, Brown J, Hurria A. Measures of polypharmacy and chemotherapy toxicity in older adults with cancer. 2013 American Society of Clinical Oncology Annual Meeting, May 31- June 4, Chicago, IL.
  31. Uy GL, Sanford B, Marcucci G, Weiqiang Z, Geyer S, **Klepin HD**, Powell BL, Baer MR, Stock W, Stone RM, Larson RA. Initial results of a phase II trial of sorafenib plus standard induction in older adults with mutant FLT3 acute myeloid leukemia. 55<sup>th</sup> American Society of Hematology Annual Meeting and Exposition, December 7 – 10, 2013, New Orleans, LA.
  32. Tawfik B, Pardee TS, Isom S, Sliesoraitis S, Winter A, Lawrence JA, Powell BL, **Klepin HD**. Comorbidities, age, and outcomes among intensively treated patients with acute myeloid leukemia (AML). 2014 American Society of Clinical Oncology Annual Meeting, May 30- June 3, Chicago, IL.
  33. **Klepin HD**, Ritchie EK, Sanford BL, Marcucci G, Zhao W, Geyer SM, Ballman KV, Powell BL, Baer MR, Stock W, Cohen HJ, Stone RM, Lawson RA, Uy GL. Feasibility of geriatric assessment for older adults with acute myeloid leukemia (AML) receiving intensive chemotherapy on a cooperative trial: CALGB 361006 (Alliance). 2014 American Society of Clinical Oncology Annual Meeting, May 30-June 3, Chicago, IL.
  34. Maggiore RJ, Dale W, Buss MK, Hurria A, Chapman AE, Dotan E, **Klepin HD**, Naeim A, Mohile SG. Survey of geriatric oncology (Geri onc) training among hematology/oncology (hem/onc) fellows. 2014 American Society of Clinical Oncology Annual Meeting, May 30-June 3, Chicago, IL.
  35. Maggiore RJ, Callahan KA, Parker I, Tooze J, Hus T, **Klepin HD**. Cancer care Training of US Geriatric Medicine Fellows: A survey of geriatrics fellowship program directors. The American Geriatrics Society

2015 Annual Scientific Meeting, May 15-17. National Harbor, MD.

36. Gifford A, Lawrence JA, Case D, Rapp S, Baker L, Craft S, Groteluschen, **Klepin HD**, Lesser G, Naughton MJ, Sachs B, Samuel TA, Sink K, Williamson J, Shaw EG. Mild cognitive impairment (MCI) in chemotherapy-treated breast cancer survivors. 2015 American Society of Clinical Oncology Meeting. May 30- June 1. Chicago IL.
37. Peterson LL, Hurria A, Feng T, Mohile SG, Owusu C, **Klepin HD**, Gross CP, Lichtman SM, Gajra A, Glezerman IG, Katheria V, Zavala L, Smith DD, Tew WP. Association between renal function and chemotherapy-related toxicity in older adults with cancer. 2015 American Society of Clinical Oncology Meeting. May 30 - June 1. Chicago, IL.
38. Wildes T, Tew WP, Maggiore RJ, Edwards BJ, Cohen HJ, Smith David D. Mohile SG, Owusu C, **Klepin HD**, Gross CP, Lichtman SM, Gajra A, Katheria V, Akiba C, Hurria A. Association of geriatric assessment factors with falls in older adults initiating chemotherapy. 2015 American Society of Clinical Oncology Meeting. May 30-June 1. Chicago, IL.
39. Klepin HD, Tooze JA, Nicklas BJ, Kritchevsky SB, Williamson JD, Ellis LR, Powell BL, Pardee TS. Systemic inflammation, geriatric assessment, and treatment outcomes among older adults treated intensively for acute myelogenous leukemia (AML). 2015 International Society of Geriatric Oncology (SIOG) Conference. Nov 2015. Prague, Czech Republic
40. **Klepin HD**, Tooze JA, Pardee TS, Ellis LR, Berenzon D, Howard D, Demark-Wahnefried W, Mihalko S, Rejeski WJ, Powell BL, Kritchevsky S. Feasibility of a Symptom-Adapted Physical Activity Intervention during Induction Chemotherapy for Older Adults with Acute Myeloid Leukemia (AML). 57<sup>th</sup> Annual ASH Meeting and Exposition. December 5-8, 2015. Orlando, FL.
41. Kimmick G, Pitcher B, Mandelblatt J, Clapp J, Ballman K, Barginear M, Freedman R, Artz A, **Klepin HD**, Lafky J, Hopkins J, Winer E, Hudis C, Muss H, Cohen H, Jatoi A, Hurria A. All-cause survival estimates compared to observed survival in older women with breast cancer in CALGB 49907 and 369901 (Alliance A151503). 2015 San Antonio Breast Cancer Symposium. December 8-12, 2015. San Antonio, TX.
42. **Klepin HD**, Sun C-L, Elias R, Trevino K, Bryant A, Nelson C, Tew WP, Mohile S, Owusu C, Gross C, Garja A, Lichtman SM, Katheria V, Hurria, on behalf of the Cancer and Aging Research Group. Predictors of unplanned hospitalizations among older adults receiving cancer chemotherapy. (10057). 2016 American Society of Clinical Oncology Meeting. June 2-6, 2016. Chicago, IL.
43. Ruiz J, Miller AA, Tooze J, Petty WJ, Garga A, **Klepin HD**. Association of self-reported physical activity with survival among patients with advanced non-small cell lung cancer (NSCLC). (e20664). 2016 American Society of Clinical Oncology Meeting. June 2-6, 2016. Chicago, IL.
44. Vellanki PJ, Kannan KK, Murray M, Tawfik B, Winter A, **Klepin HD**, Ellis LR, Berenzon D, Howard D, Lyerly S, Powell BL, Pardee TS. Retrospective analysis of nadir bone marrow biopsies in predicting need for re-induction therapy in adult acute myeloid leukemia. (e18509) 2016 American Society of Clinical Oncology Meeting. June 2-6, 2016. Chicago, IL.
45. Shahrokni A, Sun C, Tew WP, Mohile SG, Owusu C, **Klepin HD**, Gross CP, Lichtman SM, Garja A, Katheria V, Cohen HJ, Hurria A on behalf of the Cancer & Aging Research Group. (10036) Complex association between social support and chemotherapy-related toxicities in older cancer patients. 2016 American Society of Clinical Oncology Meeting. June 2-6, 2016. Chicago, IL.
46. Saad, M, Tooze JA, Pardee TS, Williamson J, Kritchevsky S, Ellis LR, Powell BL, **Klepin HD**. The Short Physical Performance Battery (SPPB) score predicts survival among older adults with acute myeloid leukemia (AML) who have achieved remission. American Geriatrics Society Annual Meeting. May 18-20, 2017. San Antonio TX.
47. Celis ESP, Sun C, Tew Wp, Mohile SG, Garja A, **Klepin HD**, Owusu C, Gross GP, Muss HM, Lichtman

- SM, Chapman AE, Cohen HJ, Dale W, Kim H, Katheria V, Hurria A.(10036). Impact of hearing and visual impairment in older adults with cancer. 2017 American Society of Clinical Oncology. June 1-6, 2017. Chicago, IL.
48. Li D, Sun CL, Levi A, **Klepin HD**, Elias R, Mohile SG, Tew W, Lim D, Chung VM, Chao J, Owusu C, Muss HM, Lichtman S, Gross GP, Chapman A, Garja A, Cohen HJ, Katheria V. Risk factors of hospitalizations (HOS) among older adults with gastrointestinal (GI) cancers receiving chemotherapy. 2017 American Society of Clinical Oncology. June 1-6, 2017. Chicago, IL.
49. Kuhlman P, Isom S, Pardee TS, Burns C, Tawfik B, Lamar ZS, Powell BP, **Klepin HD**. Association between glycemic control, age, and outcomes among intensively treated patients with acute myeloid leukemia (AML). 2017 American Society of Clinical Oncology. June 1-6, 2017. Chicago, IL.
50. **Klepin HD**, Campinha-Bacote A, Hong WJ, Phuong P, Wang J, Mobasher M, Trask P. Feasibility and implementation of geriatric assessment measures and patient-reported outcomes in a phase 1 trial for acute myeloid leukemia. 2018 American Society of Clinical Oncology. June 1-5, 2018. Chicago, IL.
51. Bitting RL, Tooze JA, Petty WJ, Grant SC, Desnoyers RJ, Thomas A, Thomas CY, Alistar AT, Golden S, Pleasant K, Tallant A, Gallagher PE, **Klepin HD**. Phase I study of muscadine grape extract in advanced malignancy. 2018 American Society of Clinical Oncology. June 1-5, 2018. Chicago, IL.
52. Kannan KK, Vellanki P, Isom S, Tawfik B, Winter AM, **Klepin HD**, Ellis LR, Bhave RR, Howard D, Manuel M, Dralle S, Lyerly S, Powell BL, Pardee TS. Is there a benefit of re-induction therapy in adult patients with AML with <20% blasts? 2018 American Society of Oncology. June 1-5, 2018. Chicago, IL.
53. Loh KP, Tan JL, McHugh CM, Liesveld JL, O'Dwyer KM, Becker MW, Mendler JH, Aljiti OS, **Klepin HD**, Stock W, Wildes T, Artz AS, El-Jawahri A, Majhail NS. Access to Referral Barriers to Autologous and Allogeneic Hematopoietic Cell Transplantation in Adult Patients with Cancer: A Systematic Review with a Specific Focus on Geriatric Population. 60<sup>th</sup> Annual ASH (American Society of Hematology) Meeting. November 29- December 4, 2018. San Diego, CA.
54. Loh KP, Kadambi S, Mohile SG, Mendler JH, Liesveld JL, O'Dwyer KM, Becker MW, McHugh CM, Wittink M, Stock W, Majhail NS, Wildes T, Duberstein P, **Klepin HD**. Qualitative Study of Factors that Influence Treatment Decision-Making among Community Oncologists and Older Patients with Acute Myeloid Leukemia. 60<sup>th</sup> Annual ASH (American Society of Hematology) Meeting. November 29- December 4, 2018. San Diego, CA.
55. **Klepin HD**, Campinha-Bacote A, Hong WJ, Phuong P, Wang J, Mobasher M, Trask P. Geriatric Assessment (GA) Measures and Patient-Reported Outcomes (PROs) Among Older Adults Treated in a Phase 1b Study for Relapsed /Refractory (R/R) Acute Myeloid Leukemia (AML). 60<sup>th</sup> Annual ASH (American Society of Hematology) Meeting. November 29- December 4, 2018. San Diego, CA.

#### INVITED EXTRAMURAL PRESENTATIONS AND SEMINARS

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|----------|---|
| 4/21/07  | <b>Cancer and Aging Research Group Meeting</b><br>"Geriatric Assessment for Patients with Acute Leukemia"<br>City of Hope, Duarte, CA   |
| 10/27/07 | <b>28th Annual Mountain Medical Conference</b><br>"Lung Cancer and Breast Cancer Updates"<br>Asheville, NC  |
| 6/1/08   | <b>American Society of Clinical Oncology Annual Meeting</b><br>Education Session: Evaluating, Treating, and Supporting Older Adults with Acute Leukemias - "Translating Geriatric Principles into the Treatment of Older Adults with Acute Leukemia"<br>Chicago, IL |

- 9/12/08 **Piedmont Oncology Association 29th Annual Symposium**  
"Treating the Elderly Cancer Patient"  
Asheville, NC
- 9/27/08 **Cancer and Aging Research Group Meeting**  
"A Physical Activity Intervention for Older Adult Inpatients with Acute Leukemia (PAL Study)"  
Rochester, NY
- 3/19/09 **Cancer and Cognition: Broadening the Dialogue**  
"Medication Adherence and Cognition: Potential Insights from Co-STAR"  
Winston-Salem, NC
- 6/4/11 **American Society of Clinical Oncology Annual Meeting**  
Symposium: Designing Clinical Trials for Older Patients: Nuts and Bolts – "Acute Myeloid Leukemia: Bringing Theory to Practice"  
Chicago, IL
- 9/15/11 **Association of NC Cancer Registrars (ANCCR) Fall Meeting**  
"Treating the Elderly Cancer Patient"  
Winston-Salem, NC
- 12/2/11 **UNC 3<sup>rd</sup> Annual Geriatric Oncology Conference**  
"Applying Geriatric Principles to the Evaluation and Management of Older Adults with AML"  
Chapel Hill, NC
- 10/27/12 **Society of International Geriatric Oncology Annual Meeting**  
Education Session: Muscle, cancer, and aging  
"Reversing muscle loss: exercise"  
Manchester, England
- 5/10/13 **Charles L. Spurr Piedmont Oncology Spring Symposium**  
"Assessing Older Cancer Patients: Fit, Vulnerable, or Frail?"  
Winston-Salem, NC
- 6/4/13 **American Society of Clinical Oncology Annual Meeting**  
Chair, Education Session: How I treat hematologic malignancies in the elderly.  
"Geriatric Assessment in Hematologic Malignancies: Using AML as the Model"  
Chicago, IL
- 9/27/13 **8<sup>th</sup> Annual Breast Cancer Symposium**  
"Late Effects of Breast Cancer Treatment"  
Winston-Salem, NC
- 11/15/13 **Cancer Center Grand Rounds, University of Rochester**  
"AML in the elderly: Individualizing pretreatment assessment and supportive care"  
Rochester, NY
- 5/15/14 **American Geriatrics Society Annual Meeting**  
Special Symposium: The Geriatric Medicine and Oncology Interface:  
Collaborative Models for Cancer Care Best Practices in Older Adult Populations  
"The Geriatric Medicine and Oncology Interface: Why, who, how?"  
Orlando, FL
- 5/31/14 **American Society of Clinical Oncology Annual Meeting**  
Speaker, Special Symposium: Developing a Geriatric Oncology Presence at Your Academic Institution or Community-Based Practice  
"Geriatric Oncology: Why? Who? How?"  
Chicago, IL
- 6/18/14 **7<sup>th</sup> Biennial Cancer Survivorship Research Conference**  
Speaker, Improving the Health and Healthcare of Older American Cancer Survivors  
"Collaborating to improve the care of older cancer patients: The Cancer and Aging Research Group"  
Atlanta, GA
- 12/05/14 **56<sup>th</sup> ASH Annual Meeting & Exposition**  
Chair, Scientific Workshop:

- "Hematology and Aging: Highlighting Novel Science and Developing a Research Agenda"  
San Francisco, CA
- 12/07/14 **56<sup>th</sup> ASH Annual Meeting & Exposition**  
Speaker, Education Session: Geriatric Perspective: How to Assess Fitness for Chemotherapy in the Older Adult With Leukemia  
"Acute Myeloid Leukemia in the Elderly Patient"  
San Francisco, CA
- 3/24/15 **2015 Cancer Outcomes Program Seminar- UNC Lineberger**  
Guest Speaker, "Bringing a Geriatric Perspective to the Treatment of Older Adults with Acute Myeloid Leukemia"  
Chapel Hill, NC
- 5/13/15 **U13 Meeting on Cancer and Aging: Design and Implementation of Intervention Studies to Improve or Maintain Quality of Survivorship in Older and/or Frail Adults with Cancer**  
Speaker, "Mobility interventions for older patients with cancer: design issues"  
Chicago, IL
- 5/30/15 **2015 American Society of Clinical Oncology Meeting**  
Speaker, Education Session: Chemotherapy Dosing, Polypharmacy, and Toxicity Assessment in Elderly Patients with Cancer  
"Hands-On Management: Chemotherapy Dosing, Polypharmacy, and Toxicity Assessment in Elderly Patients with Cancer"  
Chicago, IL
- 7/15/15 **FDA Mini-symposium-Identification and Management of Patients with AML Who Are Unfit for Standard Induction Therapy**  
Speaker, "Assessing fitness for chemotherapy among older adults with acute myeloid leukemia (AML)"  
FDA White Oaks Campus, MD
- 8/22/15 **North Carolina Oncology Association Annual Membership Conference**  
Speaker, "Cancer in the Aging Population"  
Asheville, NC
- 9/26/15 **10<sup>th</sup> Annual Breast Symposium**  
Speaker, "Treating older women with breast cancer: a focus on adjuvant decision-making"  
Winston-Salem, NC
- 11/12/15 **2015 International Society of Geriatric Oncology (SIOG) Conference**  
Speaker, Education Session: Haematological malignancies: challenges are in the oldest old "Management of High Risk MDS in elderly patients"  
Prague, Czech Republic
- 12/4/15 **57<sup>th</sup> Annual ASH Meeting and Exposition**  
Chair, Scientific Workshop  
"Hematology and Aging: Highlighting Novel Science and Developing a Research Agenda"  
Orlando, FL
- 12/6/15 **57<sup>th</sup> Annual ASH Meeting and Exposition**  
Moderator, Health Services and Outcomes Research  
Malignant Diseases Program: Oral and Poster Abstracts  
Orlando, FL
- 5/18/16 **American Geriatrics Society Annual Meeting**  
Speaker, Geriatrics Practitioners and their evolving role in the comprehensive cancer care paradigm: Geriatric oncologic principles and best practices  
"Geriatric oncologic principles, practices and models: The evolving role of the geriatrics practitioner."  
Long Beach, CA
- 6/4/16 **2016 American Society of Clinical Oncology Meeting**  
Chair, Extended Education Session: Individualizing Care for Older Adults  
Across the Cancer Care Continuum: Emerging Evidence and Collective Wisdom

- Speaker, "Using Geriatric Principles and Tools for Approach to Adjuvant Decision Making in Older Adults."  
Chicago, IL
- 11/14/16 **Seventh Annual Medical Symposium & Luncheon, Gabrielle's Angel Foundation for Cancer Research**  
Speaker, "Minimizing Physical Function Decline among Older Adults Receiving Chemotherapy"  
New York, NY
- 12/2/16 **58<sup>th</sup> Annual ASH Meeting and Exposition**  
Co-Chair, Scientific Workshop on Hematology and Aging  
"Hematology and Aging: Highlighting Novel Science and Developing a Research Agenda"  
San Diego, CA
- 12/5/16 **58<sup>th</sup> Annual ASH Meeting and Exposition**  
Moderator, Health Services Research  
Malignant Conditions: Outcomes from a Patient's Perspective  
San Diego, CA
- 4/28/17 **Hematologic Diseases in the Elderly Meeting**  
Faculty speaker, "Functional assessment in the Elderly"  
Rome, Italy
- 5/3/17 **Accelerating Anticancer Agent Development and Validation (AAADV) Workshop**  
Faculty Speaker, "Special Considerations for Cancer Drug Development in Older Adults"  
Bethesda, MD
- 6/2/17 **2017 American Society of Clinical Oncology Meeting**  
Speaker, Individualizing Treatment Decisions Using Geriatric Principles  
"Adjuvant Decision-Making and Non-Curative Chemotherapy Decisions"  
Chicago, IL
- 6/5/17 **2017 American Society of Clinical Oncology Meeting**  
Chair, Clinical Science Symposium  
"Opportunities to Improve Care for Older Adults with Cancer: Clinical Trials, Implementation and Survivorship" designed Program as Track Leader Geriatric Oncology Education Track  
Chicago, IL
- 11/6/17 **FDA-ASCO: Geriatric Oncology Workshop**  
Moderator, "Increasing the enrollment of older adults on FDA registration trials to reflect the proportion with the disease: Strategies and challenges"  
FDA campus, Silver Springs, MD
- 11/10/17 **2017 International Society of Geriatric Oncology (SIOG) Meeting**  
Co-Chair, Scientific Session  
"Exercise for managing side effects among geriatric oncology patients"  
Warsaw, Poland
- 11/11/17 **2017 International Society of Geriatric Oncology (SIOG)**  
Chair, SIOG Task Force Meeting on Acute Promyelocytic Leukemia in Older Adults  
Warsaw, Poland
- 12/1/17 **UNC Lineberger Cancer Center Geriatric Oncology Symposium**  
"Geriatric interventions to improve outcomes in older patients with acute leukemia"  
Chapel Hill, NC
- 12/8/17 **59<sup>th</sup> Annual ASH Meeting and Exposition**  
Scientific Workshop on Hematology and Aging  
"Hematology and Aging: Highlighting Novel Science and Developing a Research Agenda"  
Moderator, Clinical and Biologic Correlates of Frailty  
Atlanta, GA

- 6/2/218      **2018 American Society of Clinical Oncology Meeting**  
Speaker, Education Session- Strategies to Improve the Evidence Base: A Call to Action  
"Progress Through Collaboration: ASCO and FDA's Efforts to Improve the Evidence Base for Treating Older Adults with Cancer"  
Chicago, IL
- 6/22/18      **FDA-ASCO COA in Cancer Clinical Trials (COA-CCT) Workshop**  
Co-Chair, ASCO Perspective  
FDA campus, Silver Springs, MD
- 11/16/18      **2018 International Society of Geriatric Oncology (SIOG) Meeting**  
Speaker, "Counterpoint: use of CGA is pivotal to disseminating the principles of geriatrics into the older adults with cancer"  
Amsterdam, Netherlands
- 11/18/18      **International Society of Geriatric Oncology (SIOG)**  
Chair, Oral Abstract Session  
"Hematologic Malignancies in the elderly and basic science"  
Amsterdam, Netherlands
- 11/18/18      **International Society of Geriatric Oncology (SIOG)**  
Speaker, SIOG Guidelines Update  
"Treatment of acute promyelocytic leukemia in older patients: recommendations of a SIOG task force"  
Amsterdam, Netherlands
- 11/30/18      **60<sup>th</sup> Annual ASH Meeting and Exposition**  
Moderator, Scientific Workshop on Hematology and Aging  
"Acute myeloid leukemia"  
San Diego, CA
- 5/10/19      Alliance Health Disparities Committee Education Session  
Speaker, Geriatric Assessment for Older Adults with Cancer  
Chicago, IL

MENTORING RELATIONSHIPS:

Postdoctoral Fellows

- 2016-2018      Alexander Lucas, Ph.D.  
Postdoctoral research fellow mentoring committee member  
Project: Physical activity interventions in cancer

Resident and Fellows

- 2013-2014      Kathleen Elliott, MD  
Research Advisor  
Project: Polypharmacy in older adults with acute myeloid leukemia
- 2014-2015      Bernard Tawfik, MD  
Research Advisor  
Project: Comorbidity in acute myeloid leukemia
- 2015-2016      Jennifer Atlas, MD  
Research Advisor  
Project: Oncology goals of care documentation survey
- 2016-present      Mohammed Saad, MD  
Research Advisor  
Project: Geriatric assessment among older adults with acute leukemia who achieved remission



- 2016-2018 Laurie Buchanan, MD  
Research Advisor  
Project: Goals of care documentation in oncology inpatients
- 2016-2018 Patrick Kuhlman, MD  
Research Advisor  
Project: Hyperglycemia and outcomes among adults treated for acute myeloid leukemia
- 2017-present Kah Poh Loh, MD (Oncology/Geriatric Fellow University Rochester)  
NCORP/ ASH CRTI mentoring committee member  
Project: Factors influencing treatment decision-making in older adults with acute myeloid leukemia.
- 2017-present Sean Hernandez, MD  
Research Advisor for Clinical Scholar in Informatics (CSI)  
Project: Improving goals of care documentation among oncology inpatients
- 2018- present Sam Yates  
Masters Thesis Committee Member  
Project: Investigating the Prognostic Importance of Bioelectrical Impedance Phase Angle in Adults Treated for Newly Diagnosed Acute Leukemia
- 2018-present Grant Williams, MD  
Mentor, Mentored Clinical Scientist Research Career Development Award (K08)  
Project: Myopenia & Mechanisms of Chemotherapy Toxicity in Older Adults with Colorectal Cancer: The M&M Study
- 2018-present Allison Magnuson, MD  
External Advisor/Mentor, Beeson K76 Application  
Project: Mitigating Cancer-Related Cognitive Dysfunction in Older Adults with Breast Cancer
- 2019-present Shirley Bluethmann, PhD  
Advisor, American Cancer Society Mentored Research Scholar Grant  
Project: Self-management approach (combining education- and exercise) for improving AI-induced arthralgia in older breast cancer survivors