

CURRICULUM VITAE
Brandon P. Combs, MD, FACP
(720) 848 9500 (office)

EDUCATION AND TRAINING

University of Illinois at Urbana-Champaign, Urbana, IL
B.S. in Biology & minor in Chemistry, May 2003

Saint Louis University School of Medicine, Saint Louis, MO
Doctor of Medicine with Distinction in Research, May 2007

University of Colorado School of Medicine, Internal Medicine Residency, Aurora, CO June 2010
(Primary Care Track)

ACADEMIC APPOINTMENTS

Instructor, University of Colorado School of Medicine, August 2010
Assistant Professor, University of Colorado School of Medicine, August 2011 – current
Senior Fellow for Medical Education in the Lown Institute, Brookline, Massachusetts – June 2014 –
current
Associate Director of Evidence Based Medicine – University of Colorado School of Medicine
Associate Editor, *JAMA Internal Medicine* - Teachable Moments Section, 2013 – current

CLINICAL APPOINTMENTS

University of Colorado Hospital General Medical Service, August 2010 – current
University of Colorado Hospital Resident Group Practice Supervisor, Sept 2010 – current
Denver Veterans Affairs Medical Center General Medical Service, August 2010 – current

LICENSURE, MEMBERSHIPS, AND BOARD CERTIFICATION

American Board of Internal Medicine
American College of Physicians
Society of General Internal Medicine
Colorado State Medical Board

HONORS, SPECIAL RECOGNITIONS, AND AWARDS

Graduate:

Alpha Omega Alpha Honor Medical Society, 2007
Coy D. Fitch, MD, MACP Book Award (for academic achievement and humanism in internal
medicine) – American College of Physicians, 2007

Faculty:

Recognized for “outstanding service or education” by internal medicine housestaff (University of
Colorado), 2010 & 2011
Outstanding Contributions to the Adult Ambulatory care Clerkship, 2013
Rising Star Award, Department of Medicine University of Colorado – 2013
Member: Right Care Alliance Medical Education Working Group, The Lown Institute – 2013 - current
Innovation Award, National Teaching Value/Choosing Wisely Competition (Do No Harm Project) –
2013
University of Colorado Hospital – Lung Cancer Screening Program Working Group – 2014
University of Colorado Hospital – Colon Cancer Screening Decision Aid Working Group – 2014

Education Excellence Award, GIM Division CU School of Medicine – 2011, 2013, 2014, 2015, 2016
Evergreen Award, Colorado Chapter American College of Physicians – The Do No Harm Project - 2014

Clinician-Educator of the Year – Mountain West SGIM, 2014

Early Career Physician of the Year – American College of Physicians, Colorado Chapter, 2015

Elaine Cleary Award (Educator of the Year) - Division of GIM, CU School of Medicine – 2015

Clinical Excellence Award, GIM Division CU School of Medicine – 2015, 2016

Innovations Award for “What Worries You Most” Project - Medical Student Council Innovations Committee - 2016

INVITED LECTURES AND PRESENTATIONS

2005: Poster Presentation at Annual Conference of American Society of Breast Disease Las Vegas, NV
– *Significance of Associated DCIS in Early Stage Breast Cancer*

2007: Poster Presentation at Annual Meeting of Society of Surgical Oncology
Washington, D.C. – *Retrospective Analysis of Overall Survival in Patients with
Primary Carcinoma of the Breast and Concomitant Hepatic or Renal Disease*

2010: Poster Presentation at American College of Physician’s Associate Meeting Denver, CO –
Disseminated Nocardiosis with Short Term Corticosteroid Administration.

2010: Poster Presentation at Rocky Mountain Hospital Medicine Symposium Denver, CO – *An
Uncommon Presentation of Hereditary Hemorrhagic Telangiectasia.*

2011: GIM Grand Rounds, University of Colorado School of Medicine. *Aneurysms, Hypoxia, and
Heart Failure: Unifying Diagnosis Wanted – A CPC with Dr. Tom Meyer.*

2012: Poster Presentation at SGIM National Meeting. *The Utility of Repeat Bone Densitometry in
Women on Treatment for Low Bone Mineral Density.*

2012: Poster Presentation at the Education and Innovation research Symposium. University of Colorado
School of Medicine. *The Do No Harm Project.*

2012: Poster Presentation at the Department of Medicine Quality and Patient Safety Symposium,
University of Colorado Hospital. *The Do No Harm Project.*

2013: Poster Presentation at the Annual Meeting of the American College of Physicians, Colorado
Chapter. *The Do No Harm Project.*

2013: Lecturer, Osher Lifelong Learning Center at the University of Denver. *Who should be screened
for breast or prostate cancer? Why the controversy?*

2013: Poster Presentation at SGIM National Meeting, Denver, CO. *Attending to Our First Obligation:
The Do No Harm Project.*

2013 - current: Lecturer (monthly), Adult Ambulatory Care (MS3 clerkship), *Cancer Screening –
Balancing Benefits and Risks (ongoing series)*

2013 - current: Lecturer (monthly), Adult Ambulatory Care (MS3 clerkship), *Evidence Based Medicine
and Critical Appraisal: Putting Principles into Action (ongoing series)*

2013: Lecturer, University of Colorado Internal Medicine Residency Education Sessions, *Cancer
Screening – Balancing Benefits and Risks.*

2013: GIM Grand Rounds (CU School of Medicine) - *Cancer Screening – Balancing Benefits and
Risks.*

2013: University of Colorado Internal Medicine residency Education Sessions (Primary Care Track) –
Too Much Medicine

2013: Oral Presentation at International Preventing Overdiagnosis Conference, The Dartmouth Institute
for Health Policy and Clinical Practice, Hanover, NH – *Attending to Our First
Obligation: the Do No Harm Project*

2013: Oral presentation at Avoidable Care to Right Care Conference, Boston, MA – The Do No Harm
Project

2014: GIM Grand Rounds (CU School of Medicine) - *Cancer Screening – Balancing Benefits and Risks*

2014: GIM Grand Rounds (CU School of Medicine) – *Primary Care Based Research – Possible?*

2014: Lecturer, University of Colorado School of Medicine Physician Assistant Program: *Evidence Based Medicine*

2014, 2015: Lecture, University of Colorado School of Medicine Physician Assistant Program: *Cancer Screening – Balancing Benefits and Risks*

2014: ACP national Meeting, Orlando, FL - Resident and Fellows Luncheon: *The Do No Harm Project*

2014: GIM Grand Rounds (CU School of Medicine) – Evidence Based Medicine – Putting Principles into Action

2014: University of Colorado 61st Annual Family Medicine Review - Estes Park - *Improving the Value of Patient Care: Sharing Decisions and Choosing Wisely*

2014-15: Lecturer, University of Colorado Internal Medicine Residency Education Sessions – *High Value Care*

2014-15: Lecturer, University of Colorado Internal Medicine Residency Education Sessions – *Evidence Based Medicine*

2014: Lecturer, Longitudinal Integrated Clerkship (MS3) CU School of Medicine – *Evidence Based Medicine*

2014: Lecturer, Longitudinal Integrated Clerkship (MS3) CU School of Medicine – *Screening for Cancer, Balancing Benefits and Risks*

2014: ABIM Foundation/Choosing Wisely Campaign Webinar – *The Do No Harm Project*

2014: University of Colorado Department of Otolaryngology – *How to Interpret the Medical Literature*

2014: GIM Grand Rounds (CU School of Medicine) – *Right Care Rounds – A case of Opioid Induced Hypogonadism*

2014: Lown Institute Young Innovators Grant Training – *How to Start a Successful Educational Program* – Boston, MA

2015: GIM Grand Rounds (CU School of Medicine) – Mastering the Stats that Matter – EBM for the Internist

2015: Lecturer, Osher Lifelong Learning Center at the University of Denver. *Annual Physicals and Screening: What's Worthwhile?*

2015: Lown Institute National Webinar: The Do No Harm Project

2015: Lown Institute Webinar: Right Care Rounds

2015: University of Colorado 62nd Annual Family Medicine Review - Estes Park - Shared decision making to achieve high value care

2015: Poster presentation at Preventing Overdiagnosis Conference, National Institutes of Health. *Development and initial impressions of the Do No Harm Project to Address Overuse.* Bethesda, Maryland.

2015: Department of Medicine Grand Rounds, Saint Louis University School of Medicine. Harnessing the Power of Stories to Teach High Value Care.

2015: Lown Institute Webinar: Right Care Rounds – the Right Care Educator Program

2015: ABIM Foundation and Costs of Care Webinar: The Do No Harm Project

2016: Department of Medicine Grand Rounds, St. Joseph Hospital – Denver, CO. Harnessing the Power of Stories to Teach High Value Care.

2016: Department of Medicine Grand Rounds, University of Kansas School of Medicine – Ralph Major Invited Lecturer. Harnessing the Power of Stories to Teach High Value Care.

2016: University of Colorado 63rd Annual Family Medicine Review - Estes Park – Evidence Based Medicine for the Generalist

2016: Lown Institute Webinar: Right Care Rounds – the Right Care Educator Program

2017: University of Colorado 64th Annual Family Medicine Review - Estes Park - Screening for Cancer – Moving Beyond the Checkbox

GRANTS AND CONTRACTS

Agency for Health Care Research and Quality, January 2012- Oct 2013

Title: Development of Measure(s) of Receipt of Appropriate Clinical Preventive Services by Older Adults, Contract HHS290-2010-0002i

Role: measure development and feasibility of using an electronic medical record to assess receipt of appropriate services, authored a review of using prognostic indices to refine cancer screening metrics

Amount: 15% salary funding

University of Colorado School of Medicine, Primary Care Strategic Initiative Grant. **Title:**

Simultaneous Improvement in Colon Cancer Screening Rates and Patient-Centered Care, 2014. **Role:**

Co-investigator, preventive med expert, decision aid content, idea initiator

Senior Fellow in the Lown Institute: 13% salary funding, July 2014 – current

Associate Director of Evidence Based Medicine: 20% salary funding, April 2016 - current

BIBLIOGRAPHY

Abstracts:

Combs B, Kelemen P, Oliver D, Kallogjeri D, Hunborg P, Hsueh E. Significance of Associated DCIS in Early Stage Breast Cancer. Practical Issues in Multidisciplinary Management of Breast Disease – 29th Annual Symposium of the American Society of Breast Disease 2005. 22.

F.R. Buckhold, **B.P. Combs**, P.M. Buchanan, P.R. Kelemen, E.C. Hsueh. Retrospective Analysis of Overall Survival in Patients with Primary Carcinoma of the Breast and Concomitant Hepatic or Renal Disease. *Annals of Surgical Oncology*. 2008; 14(2): 88 (S)

Combs B, Caverly T, Gozansky G, Ross S, Matlock D. The Utility of Repeat Bone Densitometry in Women on Treatment for Low Bone Mineral Density. *JGIM*, Volume 27, Supplement 2 / July 2012.

Lo D, **Combs B**. *Dysarthria and Right-sided Hemiparesis: Metastatic Streptococcal Infection Masquerading as Pontine Stroke*. SGIM Mountain West meeting, 2012

Combs B & Caverly T. *The Do No Harm Project*. Education and Innovation research Symposium. University of Colorado School of Medicine. 2012

Combs B & Caverly T. *The Do No Harm Project*. Department of Medicine Quality and Patient Safety Symposium, University of Colorado Hospital. 2012

Combs B & Caverly T. *Attending to Our First Obligation: The Do No Harm Project*. SGIM National Meeting, Denver, CO. April 2013.

T Caverly, A Prochazka, B Lucas, S Mueller, I Binswanger, J Kutner, **B Combs**, D Matlock. *Clinicians and Numbers: Usability and Validity of a Measure of Critical Risk Interpretation (CRIT)*. SGIM National Meeting, Denver, CO. April 2013

Rappaport M, **Combs B**, Caverly T, Matlock D. *Clinicians rarely make changes in treatment following monitoring densitometry in women on therapy for low bone mineral density*. SGIM National Meeting, Denver, CO. April 2013

Lo D, **Combs B**. *Dysarthria and Right-sided Hemiparesis: Metastatic Streptococcal Infection Masquerading as Pontine Stroke*. SGIM National Meeting, Denver, CO. April 2013

Short R, **Combs B**. *CVA, MI and Vasculitic rash: A Unifying Diagnosis*. Associate's Meeting of the American College of Physicians, Denver, CO. May 2013

Caverly T & **Combs B**. *Attending to Our First Obligation: The Do No Harm Project*. The Teaching Value and Choosing Wisely Competition. May 2013

Combs B & Caverly T. *“Teachable Moments” – Humanizing the Harms from Overuse*. The Teaching Value and Choosing Wisely Competition. May 2013

- Combs B** & Caverly T. *Attending to Our First Obligation: The Do No Harm Project*. International Preventing Overdiagnosis Conference. The Dartmouth Institute for Health Policy and Clinical Practice, Sept 2013.
- Matlock D, Aagaard E, Abraham A, Schorr-Ratzlaff W, Mahidhara N, De La Cruz S, Schilling L, **Combs B**, Mellis K; Lewis CL. Development and Evaluation of a Patient Empowerment Letter in a Primary Care Setting. 2014 SGIM, San Diego, CA
- Bartholomew E, **Combs B**. *Perception and understanding of overuse of medical resources by housestaff and faculty at an academic medical center*. 2015 SGIM, Toronto, Ontario.
- Rao H, **Combs B**, Kutner J. *A Mysterious Case of Myxedema Arthropathy*. 2015 Denver Health Research Day. Denver, CO
- Caverly T, Sterling J, Matlock D, **Combs B**. *Development and Initial impressions of the Do No Harm Project to Address Overuse*. Preventing Overdiagnosis Conference, National Institutes of Health. September 2015.
- Murphy E, Tad-y D, Miller T, Buckhold F, **Combs B**. RightCare Rounds: Adapting the Familiar Case Conference to Promote High Value and Patient Centered Care Through Physician Behavior Change. National SGIM Meeting 2016, Hollywood, FL

Workshops Given:

- 2013: University of Zimbabwe College of Health Sciences (Visiting Professor Program), *Evidence Based Medicine and Critical Appraisal* (three day workshop).
- 2014: APDIM Spring Meeting, Workshop: "How to Incorporate High Value Care (HVC) Curricula into Existing Educational Conferences"
- 2014: University of Colorado Family Medicine Review – Anschutz Medical Campus - *Improving the Value of Patient Care: Sharing Decisions and Choosing Wisely*
- 2014: 50th Annual Internal Medicine Program - Estes Park - *Seeking high value care: Helping our Patients Choose Wisely*
- 2014: Colorado Right Care Conference. *Improving the Value of Patient Care: Sharing Decisions and Choosing Wisely*
- 2015: University of Zimbabwe College of Health Sciences (Visiting Professor Program), *Evidence Based Medicine and Critical Appraisal* (three day workshop)
- 2015: *Bringing High-Value Care to Your Institution: Strategies and Tools from Around the Country*. SGIM National Meeting. Toronto, Ontario
- 2015: *Want to do something about low-value care? Learn how with the Do No Harm Project*. Road to Right Care, National Conference of the Lown Institute, San Diego.
- 2015: *Starting Right Care Rounds at Your Institution*. Road to Right Care, National Conference of the Lown Institute, San Diego.
- 2015: Right Care Rounds: *How to conduct a conference promoting "as much as possible for the patient and as little as possible to the patient*. AAIM Academic Internal Medicine National Conference. Atlanta, GA
- 2016: Lown Institute National Meeting: RightCare Rounds: *How to conduct a conference promoting "as much as possible for the patient and as little as possible to the patient."* – Chicago, IL
- 2016: University of Colorado 63rd Annual Family Medicine Review - Evidence Based Medicine for Clinicians
- 2016: University of Zimbabwe College of Health Sciences (Visiting Professor Program), *Evidence Based Medicine and Critical Appraisal* (2 week lectureship)
- 2017: SGIM National Meeting: RightCare Rounds: *How to conduct a conference promoting "as much as possible for the patient and as little as possible to the patient."* – Washington DC

2017: Lown Institute National Meeting: RightCare Rounds: *How to conduct a conference promoting “as much as possible for the patient and as little as possible to the patient.” – Boston, MA*

2017: University of Colorado 64th Annual Family Medicine Review - Estes Park – Applied EBM: What to Tell Our Patients About Statins

Non-refereed manuscripts/editorials:

Mardon R, Fair S, Masters M, Hoang P, Johnson M, Olinger L, **Combs B**, LeBlanc W, Pace W. *Development of Measure(s) of Receipt of Appropriate Clinical Preventive Services by Older Adults: Final Report.* Contract No. HHS290-2010-000021, Prism Order No. HHS29032004T. Sept, 2013.

Caverly TJ, **Combs BP**, Moriates C, Shah N, Grady D. Too Much Medicine Happens Too Often: The Teachable Moment and a Call for Manuscripts From Clinical Trainees. *JAMA Intern Med.* 2014;174(1):8-9.

Pace W, **Combs B**, LeBlanc W, Meyers D, Miller T, Fair S, Hoang P, Masters M, Mardon R. Measuring the Receipt of High-Priority Clinical Preventive Services for Older Adults Using Electronic Health Record Data. Agency for Healthcare Research and Quality, 2014.

Mardon R, **Combs B**, LeBlanc W, Meyers D, Miller T, Fair S, Hoang P, Masters M, Pace W. Prioritizing and Measuring the Receipt of Clinical Preventive Services for Adults: Composite Measure Design and Testing. Agency for Healthcare Research and Quality. 2014

Combs BP, Meade L, Bollman K, Brandenburg S. How to Incorporate High Value Care (HVC) Curricula into Existing Educational Conferences. *Academic Internal Medicine Insight.* 2014;12(3):6-7.

Peer-reviewed Manuscripts:

Ruygrock M, **Combs B**, Campbell J, DeDecker M. Heart Failure, Aneurysms and Telangiectases, Oh My! *The American Journal of Medicine*, Volume 124, Issue 7, Pages 605-607

Combs BP, Rappaport M, Caverly TJ, Matlock DD. “Due” for a Scan: Examining the Utility of Monitoring Densitometry. *JAMA Intern Med.* 2013;173(21):2007-2009.

Liu P, Nikels M, **Combs B**. Diuretics and Diarrhea: A Dangerous Combination: A Teachable Moment. *JAMA Intern Med.* 2014;174(2):182.

Swigris R, **Combs B**. Heart of Medicine and Do No Harm Narratives for Internal Medicine Residents: A Novel Approach to Peer Teaching in the Ambulatory Setting. *MedEdPORTAL*; 2014. Available from: www.mededportal.org/publication/9699

Caverly TJ, Prochazka AV, **Combs BP**, Lucas BP, Mueller SR, Kutner JS, Binswanger IA, Fagerlin A, Matlock DD. “Doctors and Numbers: An Assessment of the Critical Risk Interpretation Test,” *Med Decis Making* 2014 Nov 5. pii: 0272989X14558423.

E Murphy, D Tad-y, and **B Combs** (2015) Exploring Drivers of Medical Overuse Through Transformation of Grand Rounds Into “Right Care Rounds.” *Journal of Graduate Medical Education*: June 2015, Vol. 7, No. 2, pp. 283-284

Ashok A, Combs B. Teaching High-Value Care. *AMA Journal of Ethics*. 2015; 17:1040-1043.
<http://journalofethics.ama-assn.org/2015/11/medu1-1511.html>. November 2, 2015

Stenehjem K, Heeren D, Pulver G, Combs B. Frequency of Lipid Testing and the Effect on Lipid Lowering Therapy. *JAMA Intern Med* 2017 (in press)

TEACHING, CURRICULUM DEVELOPMENT, AND MENTORSHIP

Problem Based Learning Curriculum preceptor – twice monthly case based learning small groups (MS1&2), 2011 - 2014

Adult Ambulatory Care (MS3 clerkship) preceptor - Sept 2010 – current

Prostate Cancer Screening Workshop – MS1 discussion of risks/benefits of prostate cancer screening, 2010 & 2011

Foundations of Doctoring preceptor – twice monthly meetings for ½ day with students to promote clinical/professional development (MS1-MS3), Aug 2011 – 2013

Preventive Medicine Projects leader (Adult Ambulatory Care clerkship, MS3) – 2 hr monthly discussion with students regarding risks/benefits of common screening tests, July 2011 – current

Revised Preventive Medicine Projects curriculum (Adult Ambulatory Care clerkship) April 2012 and 2013

Mentor for MS4 Michelle Rappaport – Mentored Scholarly Activity and internal medicine research elective, University of Colorado SOM, 2012-2013 (*The Utility of Repeat Bone Densitometry in Women on Treatment for Low Bone Mineral Density*)

Led *ACP High Value Curriculum* for interns at UM Denver, August 2012 - 2014

Intern Quality Improvement Preceptor – 2012-2013

Co-founded *The Do No Harm Project* for trainees at University of Colorado 2012:

www.medschool.ucdenver.edu/gim/donoharmproject

Monthly lecturer for Adult Ambulatory Care (MS3 clerkship) – Screening for Cancer & Evidence Based Medicine

Housestaff education session lecturer, 2013 - current

Co-founder Heart of Medicine/Do No Harm Peer Teaching Program, University of Colorado Internal Medicine RGP (Anschutz and Lowry) – 2013 – present

Lecturer – University of Colorado School of Medicine Physician Assistant Program: 2014-present

Lecturer – University of Colorado School of Medicine Longitudinal Integrated Clerkship: 2014-present

Lecturer – University of Colorado Dept of Otolaryngology housestaff education sessions 2014-present

Mentor for Erik Bartholomew, MD (CU internal med resident) – Understanding resident perceptions of medical overuse - 2013-2015

Mentor for Edward Murphy, MD (CU GIM faculty) – Starting Right Care Rounds at University of Colorado - 2014

Mentor for Karen Schmitz, MD (CU Internal Med resident) – Overuse of Lipid Monitoring, 2015

Leader of Lown Institute National Right Care Educator Program – 2015

Leader of Lown Institute National Do No Harm Project Vignette Competition – 2015, 2016

Attended Duke University Teaching and Leading EBM Workshop in 2015

Tutor-Trainee for Duke University Teaching and Leading EBM Workshop in 2016

Faculty leader of “What Worries You Most Program” for Gold Humanism Society, University of Colorado School of Medicine May 2017

SERVICE-COMMITTEE WORK

2015-2017: Planning Committee Colorado ACP Meeting

2016: Manuscript Reviewer – Circulation: Cardiovascular Quality and Outcomes

Fellow in the American College of Physicians, July 2014 – current

Professional Development Coach, Intern Class CU Internal Medicine Residency Program – 2014
Leader of Grand Rounds, Division of General Internal Medicine, University of Colorado – 2014-current
Chair - Improving Value, Reducing Harm – The Colorado Right Care Alliance Conference, Oct 11, 2014
2014-2015: Consultant to the DAWN Clinic, CU School of Medicine on quality measurement.
2014-2015: Lung Cancer Screening Working Group, University of Colorado Hospital
2014: Manuscript Reviewer – *American Journal of Managed Care*
2014-2015: Manuscript Reviewer – *Journal of General Internal Medicine*
2013-2014: Excellence in Education Committee, GIM Division, CU School of Medicine
2013: Search Committee for GIM Practice Director and Team Leaders
2013: Medical Education Working Group for the Lown Institute's Right Care Alliance
2013: Judge, scientific abstracts – SGIM National Meeting, Denver, CO.
2012: Manuscript Reviewer – *Annals of Internal Medicine*
2012: Abstract Reviewer/Judge – SGIM Mountain West Regional Meeting, Denver, CO.
2012: Faculty volunteer at Clinica Tepeyac, Denver, CO
2011: Interviewer, Internal Medicine Residency, University of Colorado School of Medicine
2010: Interviewer, Internal Medicine Residency, University of Colorado School of Medicine
2004-2007: Clinical Volunteer at Saint Louis University School of Medicine Health Resource Center
community clinic, Saint Louis, MO
2003-2005: Clinical Volunteer, La Clinica Hispanic community clinic, Saint Louis, MO