

ADRIANA M COLETTA PhD, MS, RD

CONTACT

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EMPLOYMENT

University of Utah & Huntsman Cancer Institute (HCI) **8/1/18-Present**
Department of Health and Kinesiology & Cancer Control and Population Sciences Program
Assistant Professor

EDUCATION & POSTGRADUATE TRAINING

The University of Texas MD Anderson Cancer Center **5/16-6/18**
Houston, TX
Postdoctoral Research Fellow in NCI R25T Cancer Prevention Research Training Program
Mentors: Karen Basen-Engquist PhD MPH, Susan C Gilchrist MD, MS

Texas A&M University **8/13-5/16**
College Station, TX
Doctor of Philosophy: Kinesiology
Mentor: Richard B Kreider PhD FACSM FISSN FACN

University of Tennessee **8/10-8/11**
Knoxville, TN
Dietetic Internship

University of Tennessee **8/08-8/11**
Knoxville, TN
Master of Science: Nutrition Science (major), Exercise Science (minor)
Mentor: Hollie A Raynor PhD RD LDN

Pennsylvania State University **6/04-5/08**
University Park, PA
Bachelor of Science: Nutrition Science

RESEARCH

Grants Funded- Active

Federal:

1. NIH/NCI R21 CA239079 01A1 1/20-1/23
Role: Consultant
PI/Institution: Karen Basen-Engquist/University of Texas MD Anderson Cancer Center,
Houston TX
“Reducing breast cancer risk through modifying body composition and decreasing
inflammation in normal weight women”

Foundation:

1. 5 For The Fight Fellowship Grant 7/20-7/23
Role: Principal Investigator
Huntsman Cancer Institute at the University of Utah, Salt Lake City UT
“The feasibility and acceptability of a Comprehensive Oncology Rehabilitation and Exercise
(CORE) program among Breast Cancer survivors”

Institution:

1. HCI Supportive Oncology and Survivorship Center RFA 6/21-6/23
Role: Principal Investigator
Huntsman Cancer Institute at the University of Utah, Salt Lake City UT
“Use of a novel automated body composition assessment program to evaluate body
composition: establishment of methodology and measurement in colorectal cancer survivors
in the ColoCare study”
2. HCI Genitourinary Cancer Centers Pilot Grant Program 7/21-7/23
Role: Principal Investigator
Huntsman Cancer Institute at the University of Utah, Salt Lake City UT
“Creatine supplementation with resistance training: a novel approach to improving body
composition and associated health outcomes among prostate cancer patients”
3. HCI Center for Investigational Therapeutics Research Award 12/18-7/23
Role: Principal Investigator
Huntsman Cancer Institute at the University of Utah, Salt Lake City UT
“Creatine supplementation with resistance training: a novel approach to attenuating treatment-
related side effect of androgen deprivation therapy”

Grants Funded- Complete

Federal:

1. NIH/NCI Loan Repayment Program- Clinical Research 7/19-7/21
Role: Principal Investigator
Huntsman Cancer Institute at the University of Utah, Salt Lake City UT
“Optimizing exercise strategies to improve cancer survivorship”

Foundation:

1. American Cancer Society Institutional Research Grant 1/19-7/21
Role: Principal Investigator on Project; Donald Ayer PhD is PI of HCI’s ACS IRG
Huntsman Cancer Institute at the University of Utah, Salt Lake City UT
“Creatine supplementation with resistance training: a novel approach to attenuating treatment
related side effects of androgen deprivation therapy”

Institution:

1. HCI Cancer Control and Population Sciences Pilot Grant 7/19-7/21
Role: Principal Investigator
Huntsman Cancer Institute at the University of Utah, Salt Lake City UT
“Home-based high-intensity interval training to improve colorectal cancer survivorship: feasibility and relationship with novel surrogate biomarkers of colorectal cancer recurrence”
2. HCI Supportive Oncology and Survivorship Center RFA 5/19-5/20
Role: Principal Investigator
Huntsman Cancer Institute at the University of Utah, Salt Lake City UT
“Home-based high-intensity interval training to improve colorectal cancer survivorship: feasibility and relationship with novel surrogate biomarkers of colorectal cancer recurrence”
3. MD Anderson Cancer Center for Energy Balance Assessment: Supplemental Funding Application 1/17-1/18
Role: Post-doctoral Fellow; Wrote significant portions of this grant application
PI: Susan Gilchrist
The University of Texas MD Anderson Cancer Center, Houston TX
“High-intensity interval training for women at heightened risk of breast cancer”
4. Cancer Prevention Research Training Program 5/16-6/18
R25CA057730, PI: Shine Chang, PhD
The University of Texas MD Anderson Cancer Center, Houston TX
Highly competitive post-doctoral research fellowship including external peer reviewed application process. Within this program, fellows are provided a budget of \$13,625.00 per year for research, travel, statistical, tuition, and other education support expenses.

Grants Under Review

1. “Improving physical function and treatment tolerability in breast cancer patients on chemotherapy: A randomized controlled trial.”
Role: Principal Investigator
R01, NIH/NCI (Submitted June 2022)
2. “Precision Exercise Regimen for Cancer Care Study”
Role: Co-Investigator
R01, NIH/NCI (Submitted June 2022)

Grants Not Funded

1. “Facilitating engagement in exercise to reduce symptom burden and improve body composition across the kidney cancer care continuum: An innovative cancer center coordinated rehabilitation program”
Role: Principal Investigator
American Institute for Cancer Research Investigator-Initiated Research Grant Program (Resubmission, May 2021)
2. “Next-Generation Precision Exercise Prescription”
Role: Co-Investigator
U01, NIH/NCI RFA-CA-21-031 (submitted July 2021)
3. “Improving breast cancer care through timing of lifestyle behaviors and chemotherapy delivery”
Role: Principal Investigator
R01, NIH/NCI PA-20-185 (Submitted October 2020, resubmitted July 2021)
4. “Diet, exercise, and chemotherapy timing to enhance breast cancer care”

Role: Principal Investigator

American Cancer Society Research Scholar Grant (Submitted in April 2020; however, the grant was never reviewed due to the Covid-19 pandemic. Submitted April 2021 (not funded), then resubmitted September 2021; however, due to technical error at ACS the grant was never pushed to review in fall 2022. Resubmitted April 2022 (not funded).

5. “Facilitating engagement in exercise to attain and maintain physical function, and improve quality of life across the breast cancer care continuum: An innovative cancer center coordinated rehabilitation program”

Role: Principal Investigator

American Institute for Cancer Research Investigator-Initiated Research Grant Program (submitted May 2020)

6. “Creatine with resistance training in metastatic prostate cancer survivors: Treatment side-effects, quality of life, and links with markers of cancer progression”

Role: Principal Investigator

R01, NIH/NCI PAR-18-559 (submitted June 2020)

7. “The efficacy of an empowering interactive mobile video game to improve health outcomes in children with cancer”

Role: Co-investigator

PI: Carol Bruggers

U01, NIH/NCI RFA-CA-19-033 (submitted January 2019)

8. “Creatine supplementation + resistance training: A novel approach to improve survival among prostate cancer patients undergoing prolonged androgen deprivation therapy”

Role: Principal Investigator

National Comprehensive Cancer Network Young Investigator Award 2019- Applied to serve as institutional candidate

9. “Home-based high-intensity interval training to improve colorectal cancer survivorship: feasibility and relationship with novel surrogate biomarkers of colorectal cancer recurrence”

Role: Principal Investigator

K22 PAR-18-466, NIH/NCI (submitted June 2018)

10. “High-intensity interval training for colorectal cancer survivors: feasibility and effect on circulating tumor DNA”

Role: Post-doctoral Fellow; The PI and I transformed my K99/R00 application (below) into this R21 application.

PI: Karen Basen-Engquist

R21, NIH/NCI PAR-18-016 (submitted February 2018)

11. “High-intensity interval training among colorectal cancer survivors: feasibility and impact on biomarkers implicated in cancer recurrence”

Role: Principal Investigator

K99/R00 PA-16-193, NIH/NCI (submitted October 2017)

12. “A combination therapy to treat cancer-related fatigue”

Role: Post-doctoral Fellow; Contributed to exercise intervention section and edited related sections, developed supporting documents related to exercise intervention.

PI: Sriram Yennu

R01, NIH/NCI PA-16-160 (submitted October 2017)

Status: Awarded but I left the institution so am no longer included on grant

13. “Physical activity and dexamethasone for cancer related fatigue in patients with advanced cancer”

Role: Post-doctoral Fellow; Developed and wrote exercise intervention section and edited related sections, developed supporting documents related to exercise intervention

PI: Sriram Yennu

PCORI (Patient-Centered Outcomes Research Institute) grant (submitted October 2017)

Status: Awarded but I left the institution so am no longer included on grant

14. “Effects of exercise and diet intervention on circulating tumor DNA in high-risk Stage II-IV colorectal cancer patients”

Role: Post-doctoral Fellow; Contributed to write up of application

PI: Karen Basen-Engquist

CPRIT (Cancer Prevention Research Institute of Texas) High Impact/ High Risk Letter of Intent (submitted October 2017)

15. “Proof of concept pilot on use of ctDNA to identify high risk Stage II-IV colorectal cancer (CRC) patients to receive a lifestyle intervention, and explore intervention effects on changes in ctDNA”

Role: Post-doctoral Fellow; Assisted in developing the diet and exercise intervention and writing the intervention section.

PI: Karen Basen-Engquist

MD Anderson Cancer Center/Guardant Health Sponsored Studies (submitted May 2017)

16. “The impact of exercise prescription on markers of breast cancer risk,”

Role: Principal Investigator

L’Oreal USA for Women in Science Fellowship (submitted February 2017)

Publications

*Denotes undergraduate student mentees.

**Denotes graduate student mentees.

***Denotes postdoctoral fellows.

Peer-Reviewed Articles:

1. Dunston ER**, Mulibea PB*, Chipman J, Zickmund S, Oza S, Zingg RW, Hansen PA, **Coletta AM**. Factors influencing engagement in hospital-based exercise oncology programs: A narrative review. *PM R* 2022 Aug 2. DOI: 10.1002/pmrj.12882. Online ahead of print
2. Dunston ER**, Bai Y, Newton M, Podlog L, Walker D, Oza S, Zingg RW, Hansen PA, **Coletta AM**. Clinical and demographic factors associated with follow-up in a hospital-based exercise oncology program. *Integr Cancer Ther*. 2022; 21: 15347354221105482.
3. Karra P, Winn M, Pauleck S, Bulsiewicz-Jacobsen A, Peterson L, **Coletta A**, Doherty J, Ulrich CM, Summers SA, Gunter M, Hardikar S, Playdon MC. Metabolic dysfunction and obesity-related cancer: Beyond obesity and metabolic syndrome. *Obesity (Silver Spring)*. 2022; 30(7):1323-34.
4. Niemero GM, **Coletta AM**, Agha NH, Mylabathula PL, Baker FL, Brewster AM, Bevers TB, Fuentes-Mattei E, Basen-Engquist K, Katsanis E, Gilchrist SC, Simpson R. Salutary effects of moderate but not high intensity aerobic exercise training on the frequency of peripheral T-cells associated with immunosenescence in older women at high risk of breast cancer: a randomized controlled trial. *Immun Ageing*. 2022; 19(1):17.
5. **Coletta AM**, Playdon M, Baron KG, Wei M, Kelley K, Vaklavas C, Beck A, Buys SS, Chipman J, Ulrich CM, Walker D, White S, Oza S, Zingg RW, Hansen P. The association between time-of-day of habitual exercise training and changes in relevant cancer health outcomes among cancer survivors. *PLOS One*. 2021; 16(10): e0258135.
6. **Coletta AM**, Sayegh N, Agarwal N. Body composition and metastatic prostate cancer survivorship. *Cancer Treat Res Commun*. 2021; 27: 100322.
7. **Coletta AM**, Agha NH, Baker FL, Niemero GM, Brewster AB, Bevers TB, Fuentes-Mattei

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- E, Basen-Engquist K, Gilchrist SC, Simpson RJ. The impact of high-intensity interval exercise training on NK-cell function and circulating myokines for breast cancer prevention among women at high-risk for breast cancer. *Breast Cancer Res Treat.* 2021; 187(2): 407-16.
8. **Coletta AM**, Rose NB*, Johnson AF*, Moxon SD*, Trapp SK, Walker D, White S, Ulrich CM, Agarwal N, Oza S, Zingg RW, Hansen P. The impact of a hospital-based exercise oncology program on cancer treatment-related side-effects among rural cancer survivors. *Support Care in Cancer.* 2021; DOI: 10.1007/s00520-021-06010-5.
 9. Himbert C, Durham N, **Coletta AM**, Barnes CA, Wiskemann J, Varghese TK, LaStayo PC, Ulrich CM. Exercise and lung cancer surgery: A systematic review of randomized controlled trials. *Crit Rev Oncol Hemtaol.* 2020; 156:103086. PMID: PMC76777203
 10. Sanchez A, Kissel S, **Coletta AM**, Scott J, Furberg H. Body size in bladder cancer: risk stratification and opportunity for novel intervention. *Urol Oncol.* 2020; S1078-1439(20): 30104-6.
 11. **Coletta AM**, Peterson SK, Gatus LA, Krause KJ, Schembre SM, Gilchrist SC, Arun B, You YN, Rodriguez-Bigas MA, Strong LL, Lu KH, Basen-Engquist K. Diet, weight management, physical activity and ovarian & breast cancer risk in women with *BRCA1/2* pathogenic germline gene variants: systematic review. *Hered Cancer Clin Pract.* 2020; 18:5. PMID: PMC7060535
 12. **Coletta AM**, Campbell A, Morris GS, Schmitz KH. Synergy between licensed rehabilitation professionals and clinical exercise physiologists: optimizing patient care for cancer rehabilitation. *Semin Oncol Nurs.* 2020; 36(1): 150975.
 13. **Coletta AM**, Klopp AH, Fogelman D, Parikh AM, Li Y, Garg N, Basen-Engquist K. Dual-energy x-ray absorptiometry compared to computed tomography for visceral adiposity assessment among gastrointestinal and pancreatic cancer survivors. *Sci Rep.* 2019; 9(1):115000. PMID: PMC6687706
 14. **Coletta AM**, Marquez G, Thomas P, Thoman W, Austin A, Bevers T, Brewster, AB, Hawk E, Basen-Engquist K, Gilchrist SC. Clinical factors associated with adherence to aerobic and resistance physical activity guidelines among cancer prevention patients and survivors. *PLOS One.* 2019; 14(8): e0220814. PMID: PMC6675393
 15. **Coletta AM**, Peterson SK, Gatus L, Krause K, Schembre SM, Gilchrist SC, Schembre S, Pande M, Vilar E, You N, Rodriguez-Bigas M, Strong LL, Lynch PM, Lu K, Basen-Engquist K. Energy balance related lifestyle factors and risk of endometrial and colorectal cancer among individuals with Lynch Syndrome: A systematic review. *Fam Cancer.* 2019; 18(4):399-420. doi: 10.1007/s10689-019-00135-7. PMID: PMC6863045
 16. **Coletta AM**, Brewster AM, Chen M, Li Y, Chen M, Basen-Engquist K, Gilchrist SC. High-intensity interval training to reduce breast cancer risk among women at heightened risk: feasibility and impact on biomarkers linked with breast cancer risk. *Med Sci Sports Exerc.* 2019; 51(11): 2193- 2200. doi:10.1249/MSS.0000000000002048. PMID: PMC7028472
 17. **Coletta AM**, Sanchez B, O'Connor A, Dalton R, Springer S, Koozehchain MS, Murano PS, Woodman CR, Rasmussen C, Kreider RB. Alignment of diet prescription to genotype does not promote greater weight loss success in women with obesity participating in an exercise and weight loss program. *Obes Sci Pract.* 2018; 4(6): 554-74. PMID: PMC6298313
 18. Yates MS, **Coletta AM**, Zhang Q, Schmandt RE, Medepalli M, Nebgen D, Soletsky B, Milbourne A, Levy E, Fellman B, Urbauer D, Yuan Y, Broaddus RR, Basen-Engquist K, Lu K. Prospective randomized biomarker study of metformin and lifestyle intervention

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for prevention in obese postmenopausal women at increased risk for endometrial cancer. *Cancer Prev Res (Phila)*. 2018; 11(8):477-90. PMID: PMC5921903

19. Zhang Y, **Coletta AM**, Allen PK, Parikh AM, Cox-Martin M, Meyer LA, Sun CC, Basen Engquist K, Lu KH, Klopp AH. Perirenal adiposity is associated with lower progression free survival from ovarian cancer. *Int J Gynecol Cancer*. 2018; 28(2):285-92.
20. Dalton RL, Sowinski RJ, Grubic TJ, Collins PB, **Coletta AM**, Reyes A, Sanchez B, Koozehchian M, Jung YP, Rasmussen C, Greenwood MC, Murano PS, Earnest CP, Kreider RB. Hematological and hemodynamic response to acute and short-term creatine nitrate supplementation. *Nutrients*. 2017; 9(12). pii: E1359. PMID: PMC5748809
21. Parikh AM, **Coletta AM**, Yu ZH, Rauch GM, Cheung JP, Court LE, Klopp AH. Development and validation of a rapid and robust method to determine visceral adipose tissue volume using computed tomography images. *PLoS ONE*. 2017; 12(8): e0183515. PMID: PMC5578607
22. Collins PB, Earnest CP, Dalton RL, Sowinski RJ, Grubic TJ, Williams CF, **Coletta AM**, Rasmussen C, Greenwood MC, Kreider RB. Short-Term Effects of a Ready-to-Drink Pre-Workout Beverage on Exercise Performance. *Nutrients*. 2017; 9(8):E823. PMID: PMC5579616
23. Baetge C, Earnest CP, Lockard B, **Coletta AM**, Galvan E, Rasmussen C, Levers K, Simbo SY, Jung YP, Koozehchian M, Oliver J, Dalton R, Sanchez B, Byrd MJ, Khanna D, Jagim A, Kresta J, Greenwood M, Kreider RB. Efficacy of a randomized trial examining commercial weight loss programs and exercise on metabolic syndrome in overweight and obese women. *Appl Physiol Nutr Metab*. 2017; 3:1-12.
24. **Coletta A**, Kreider RB. Genetic Profiling for Weight Loss: Potential Candidate Genes. *Bioenergetics*. 2015; 4(126):2-14.
25. **Coletta A**, Bachman J, Tepper B, Raynor HA. Greater reduction in 6-n-propylthiouracil (PROP) super-tasters as compared to non-tasters during a lifestyle intervention. *Eating Behaviors* 2013; 14(2):180-183.
26. **Coletta A**, Thompson DL, Raynor HA. The influence of commercially-available carbohydrate and carbohydrate-protein supplements on endurance running performance in recreational athletes during a field trial. *J Int Soc Sports Nutr*. 2013; 10(1):17. PMID: PMC3614480
27. Jokisch E, **Coletta A**, Raynor HA. Acute energy compensation and macronutrient intake following exercise in active and inactive males who are normal weight. *Appetite* 2012;58:722-729.

Manuscripts in Preparation:

1. Moraitis AM***, Rose NB*, Johnson AF*, Dunston ER**, Garrido-Laguna I, Gilcrease G, Hobson P, Barber K, Basen-Engquist K, **Coletta AM**. Feasibility and acceptability of an mHealth, home-based exercise intervention in colorectal cancer survivors: A pilot randomized controlled trial. *PLOS One*.
2. Hardikar S, Dunston ER**, Winterton C, Rana A, LoCastro M, Kershner K, McFarlan MM, Casucci T, Ehlers D, Dolgoy N, Williams G, Poh Loh K, **Coletta AM**. Effects of diet and exercise interventions on physical function in older adults with cancer: A scoping review. *J Geriatr Oncol*.
3. **Coletta AM**, Yap J, Lee H, Haaland B, Akerley W. The association between body composition, patient reported outcomes, cancer treatment status, and mortality in individuals living with metastatic non-small cell lung cancer.
4. **Coletta AM**, Yates MS, Zhang Q, Schmandt RE, Medepalli M, Nebgen D, Soletsky B,

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Milbourne A, Levy E, Fellman B, Urbauer D, Yuan Y, Broaddus RR, Lu K, Basen-Engquist K. Physical activity and diet quality after following a metformin and lifestyle intervention in postmenopausal women with obesity at increased risk for endometrial cancer.

Text Book Chapters:

1. Basen-Engquist K, Brown PH, **Coletta AM**, Savage M, Maresso KC, Hawk E. Abeloff's Clinical Oncology (Sixth Edition). *Lifestyle and Cancer Prevention*. Elsevier, 2020. 337-74.
2. **Coletta A**, Jagim A, Levers K, Galvan F, Kreider R. Exercise prescription and strength and conditioning considerations. *Sports Nutrition Needs for Child and Adolescent Athletes*. CRC Press, 2016. 239-262.

Abstracts:

1. Dunston ER**, Garrido-Laguna I, Gilcrease G, Hobson P, Barber K, Singleton JR, Haaland B, **Coletta AM**. Feasibility of a home-based, remotely-supervised exercise intervention in colorectal cancer survivors: A pilot study. American College of Sports Medicine Annual Meeting 2022.
2. Dunston ER**, Walker D, White S, Oza S, Zingg RW, Hansen PA, **Coletta AM**. Telehealth Exercise among older cancer survivors: Who is participating and how much? American Society of Preventive Oncology Annual Meeting 2022.
3. Dunston ER**, Walker D, White S, Ulrich CM, Oza S, Zingg RW, Hansen PA, & **Coletta AM**. Clinical and demographic factors associated with follow-up in a hospital-based exercise oncology program. American Society of Preventive Oncology Annual Meeting 2021.
4. **Coletta AM**, Rose NB*, Johnson AF*, Moxon SD*, Trapp SK, Walker D, White S, Ulrich CM, Agarwal N, Oza S, Walker D, Zingg RW, Hansen P. Preliminary efficacy of the Huntsman Cancer Institute's exercise oncology program. *PM&R*. 2020; 11(S2).
5. **Coletta AM**, Klopp AH, Fogelman D, Li Y, Garg N, Basen-Engquist K. Dual energy x-ray absorptiometry is comparable to computed tomography for visceral adiposity measurement in cancer patients and survivors. *Med Sci Sports Exerc*. 2017; 49(5S):895 (#71).
6. **Coletta AM**, Marquez G, Thomas P, Thoman W, Austin A, Bevers T, Brewster A, Hawk E, Basen-Engquist K, Gilchrist SC. Adherence to physical activity guidelines in a cancer prevention and control setting: the impact of body mass index. American Society of Preventive Oncology Annual Meeting 2017.
7. Dalton R, Sowinski R, Grubic T, Collins PB, **Coletta A**, Reyes A, Sanchez B, Koozehchian M, Jung YP, Rasmussen C, Murano P, Earnest CP, Greenwood M, Kreider RB. Seven days high and low dose creatine nitrate supplementation I: hepatorenal, glucose and muscle enzyme function. *J Int Soc Sports Nutr*. 2016; 13(Suppl 1):P49.
8. Grubic T, Dalton, R, Sowinski R, Collins PB, **Coletta A**, Reyes A, Sanchez B, Koozehchian M, Jung YP, Rasmussen C, Murano P, Earnest CP, Greenwood M, Kreider RB. Seven days high and low dose creatine nitrate supplementation II: performance. *J Int Soc Sports Nutr*. 2016; 13(Suppl 1):P50.
9. Sowinski R, Dalton R, Grubic T, Collins PB, **Coletta A**, Reyes A, Sanchez B, Koozehchian M, Jung YP, Rasmussen C, Murano P, Earnest CP, Greenwood M, Kreider RB. Seven days high and low dose creatine nitrate supplementation III: hemodynamics. *J Int Soc Sports Nutr*. 2016; 13(Suppl 1):P51.
10. **Coletta A**, Baetge C, Murano P, Galvin, E, Rasmussen C, Greenwood M, Levers K, Lockard

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- B, Simbo SY, Jung YP, Koozehchian M, Cho M, Mardock M, Kresta J, Oliver J, Sanchez B, Byrd M, Khanna D, Jagim A, Earnest CP, Kreider RB. Efficacy of commercial weight loss programs on metabolic syndrome. *FASEB J.* April 2016 30:LB216.
11. **Coletta A**, Sanchez B, O'Connor A, Dalton R, Springer S, Koozehchain M, Jung YP, Simbo S, Cho M, Goodenough C, Reyes A, Sowinski R, Wilkins L, Rasmussen C, Kreider RB. Effects of matching diet type to obesity-related genotype on body composition changes in women during a six-month resistance-exercise training and walking program. *J Int Soc Sports Nutr.*2015; 12(Suppl 1):P16.
 12. **Coletta A**, Sanchez B, O'Connor A, Dalton R, Springer S, Koozehchain M, Jung YP, Simbo S, Cho M, Goodenough C, Reyes A, Galvan E, Levers K, Wilkins L, Rasmussen C, Kreider RB. Influence of Obesity-Related Genotype on Weight Loss Success and Body Composition Changes While Participating in a 3-Month Exercise and Weight Loss Program: Preliminary Findings. *FASEB J.* April 2015 29:LB241.
 13. Sanchez B, **Coletta A**, Galvan E, Dalton R, O'Connor A, Koozehchian M, Reyes A, Goodenough C, Cho M, Jung YP, Levers K, Simbo S, Springer S, Wilkins L, Rasmussen C, Kreider RB. Influence of Metabolic Genotyping on Weight Loss and Body Composition in Women Participating in a 6 Month Diet and Exercise Program: Preliminary Findings. *FASEB J.* April 2015 29: LB240.
 14. Levers K, Galvan E, **Coletta A**, Dalton A, Jung YP, O'Connor A, Goodenough C, Simbo S, Koozehchian M, Sanchez B, Rasmussen C, Greenwood M, Earnest C, Kreider RB. Analysis of Correlational Validity Between OGTT Results and a Carbohydrate Intolerance Questionnaire. *FASEB J.* April 2015 29:LB236.
 15. Dalton R, Levers K, Galvan E, Goodenough C, O'Connor A, Simbo S, Barringer N, Carter J, Seesselberg C, **Coletta A**, Jung YP, Koozehchian M, Sanchez B, Springer S, Cho M, Mertens-Talcott S, Rasmussen C, Greenwood M, Kreider RB. Powdered tart cherry supplementation moderates post-exercise immunosuppression, total cholesterol, and antioxidant status with no effect on performance recovery following an acute bout of intense lower body resistance exercise. *J Int Soc Sports Nutr.*2014; 11(Suppl 1):P32.
 16. Galvan E, Levers K, Dalton R, Goodenough C, O'Connor A, Simbo S, Barringer N, Carter J, Seesselberg C, **Coletta A**, Jung YP, Koozehchian M, Sanchez B, Springer S, Cho M, Mertens-Talcott S, Rasmussen C, Greenwood M, Kreider RB. Powdered tart cherry supplementation effectively reduces markers of catabolism and perceptions of muscle soreness following an acute bout of intense endurance exercise. *J Int Soc Sports Nutr.* 2014; 11(Suppl 1):P33.
 17. Goodenough C, Levers K, Dalton R, Galvan E, O'Connor A, Simbo S, Barringer N, Carter J, Seesselberg C, **Coletta A**, Jung YP, Koozehchian M, Sanchez B, Springer S, Cho M, Mertens-Talcott S, Rasmussen C, Greenwood M, Kreider RB. Powdered tart cherry supplementation mitigates the post-exercise immune response with reduction in total antioxidant status and serum triglyceride levels following an acute bout of intense endurance exercise. *J Int Soc Sports Nutr.* 2014; 11(Suppl 1):P34.
 18. Levers K, Galvan E, Dalton R, Goodenough C, O'Connor A, Simbo S, Barringer N, Carter J, Seesselberg C, **Coletta A**, Jung YP, Koozehchian M, Sanchez B, Springer S, Cho M, Mertens-Talcott S, Rasmussen C, Greenwood M, Kreider RB. Powdered tart cherry supplementation demonstrates benefit on markers of catabolism and muscle soreness following an acute bout of intense lower body resistance exercise. *J Int Soc Sports Nutr.* 2014; 11(Suppl 1):P31.
 19. Cho M, Jung YP, Goodenough C, O'Connor A, Dalton R, Levers K, Galvan E, Barringer N, F Ayadi F, Carter J, Koozechian M, Simbo S, Reyes A, Sanchez B, **Coletta A**, Rasmussen C, Kreider RB. Effects of ingesting a pre-workout supplement with and

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without synephrine on cognitive function, perceptions of readiness to perform, and exercise performance. *J Int Soc Sports Nutr.* 2014; 11(Suppl 1):P36.

20. Jung YP, Cho M, Goodenough C, O'Connor A, Dalton R, Levers K, Galvan E, Barringer N, F Ayadi F, Carter J, Koozehchian M, Simbo S, Reyes A, Sanchez B, **Coletta A**, Rasmussen C, Kreider RB. Thermogenic and hemodynamic effects of ingesting a pre-workout supplement with and without synephrine. *J Int Soc Sports Nutr.* 2014; 11(Suppl 1):P35.
21. **Coletta A**, Mardock M, Lockard B, Byrd M, Simbo S, Jagim A, Kresta J, Baetge C, Jung YP, Koozehchian M, Khanna D, Kyul H, Oliver J, Greenwood M, Rasmussen C, Kreider R. Effects of two popular weight loss programs on changes in body composition and visceral adipose tissue in women. *FASEB J.* April 2014 28:LB296.
22. Simbo S, **Coletta A**, Mardock M, Lockard B, Byrd M, Jagim A, Kresta J, Baetge C, Jung YP, Koozehchian M, Khanna D, Kyul H, Oliver J, Greenwood M, Rasmussen C, Kreider R. Effects of two popular weight loss programs on changes in android and gynoid body composition in women. *FASEB J.* April 2014 28:LB302.
23. Dalton R, Levers K, Galvan E, **Coletta A**, Jung YP, O'Connor A, Goodenough C, Simbo S, Sesselberg C, Bonin B, Koozehchian M, Sanchez B, Barringer N, Rasmussen C, Greenwood M, Kreider R. Assessment of factors related to carbohydrate intolerance III: Fasting HOMA. *FASEB J.* April 2014 28:LB300.
24. Galvan E, Levers K, **Coletta A**, Dalton R, Jung YP, O'Connor A, Goodenough C, Simbo S, Sesselberg C, Bonin B, Koozehchian M, Sanchez B, Barringer N, Rasmussen C, Greenwood M, Kreider R. Assessment of factors related to carbohydrate intolerance II: OGTT glucose at 120 minutes. *FASEB J.* April 2014 28:LB298.
25. Goodenough C, Levers K, Galvan E, **Coletta A**, Dalton R, Jung YP, O'Connor A, Simbo S, Sesselberg C, Bonin B, Koozehchian M, Sanchez B, Barringer N, Rasmussen C, Greenwood M, Kreider R. Analysis of the validity of a carbohydrate intolerance questionnaire II. *FASEB J.* April 2014 28:LB304.
26. Koozehchian M, Levers K, Galvan E, **Coletta A**, Dalton R, Jung YP, O'Connor A, Goodenough C, Simbo S, Sesselberg C, Bonin B, Sanchez B, Barringer N, Rasmussen C, Greenwood M, Kreider R. Analysis of the validity of a carbohydrate intolerance questionnaire III. *FASEB J.* April 2014 28:LB303.
27. Levers K, Galvan E, **Coletta A**, Dalton R, Jung YP, O'Connor A, Goodenough C, Simbo S, Sesselberg C, Bonin B, Koozehchian M, Sanchez B, Barringer N, Rasmussen C, Greenwood M, Kreider R. Assessment of factors related to carbohydrate intolerance I: OGTT glucose AUC. *FASEB J.* April 2014 28:LB299.
28. O'Connor A, Levers K, Galvan E, **Coletta A**, Dalton R, Jung YP, Goodenough C, Simbo S, Sesselberg C, Bonin B, Koozehchian M, Sanchez B, Barringer N, Rasmussen C, Greenwood M, Kreider R. Analysis of the validity of a carbohydrate intolerance questionnaire I. *FASEB J.* April 2014 28:LB305.
29. **Coletta A**, Raynor HA. Does carbohydrate-protein supplementation enhance endurance performance in male recreational runners? *Med Sci Sports Exerc.* 2011;43(5):S405 (#2223).

TEACHING

KINES 3091: Exercise Physiology
University of Utah, Salt Lake City, UT
Instructor of record

Fall 2020; Spring 2021; Fall 2022

KINES 6320: Exercise & Disease
University of Utah, Salt Lake City, UT
Instructor of record

Fall 2019, Spring 2022

KINES 2500: Exploration of the Movement Sciences **1/19, 10/19**
University of Utah, Salt Lake City, UT
Guest Lecturer: “Careers in Kinesiology”

KINES 4900: Promoting Physical Activity in the Community **11/18, 3/19**
University of Utah, Salt Lake City, UT
Guest Lecturer: “Physical activity in cancer prevention and survivorship”

UT MD Anderson Project ECHO- Cancer Survivorship Didactic Session **10/17**
Houston, TX
Guest Lecturer: “Physical activity and diet in cancer survivorship”

KINES 433: The Physiology of Exercise **Fall 2015**
Texas A&M University, College Station, TX
Graduate Teaching Internship

NUTR 100: Introduction to Nutrition **8/08-12/10**
University of Tennessee, Knoxville, TN
Graduate Teaching Assistantship- lead and taught weekly discussion sections
Guest Lecturer: “Sports Nutrition”, “Introduction to lipids”, “Introduction to protein”

Cherokee Health System Psychology Internship Didactic Session **6/10**
Knoxville, TN
Guest Lecturer: “Exercise and mental health”

PRESENTATIONS

Invited Talks

- 1. Salt Lake City Prostate Cancer Support Group** **2/20, 4/22**
Salt Lake City, UT
“Exercise and prostate cancer”
- 2. Physical Medicine and Rehabilitation Grand Rounds** **11/20**
University of Utah, Salt Lake City UT
“Exercise strategies for cancer prevention and survivorship”
- 3. Department of Health, Kinesiology & Recreation Research Seminar** **4/19**
University of Utah, Salt Lake City, UT
“Exercise prescription and sports nutrition strategies for cancer prevention and survivorship”
- 4. Syn-Tegration Night: Building Transdisciplinary Research Connections** **3/19**
Huntsman Cancer Institute at the University of Utah, Salt Lake City, UT
“Creatine supplementation with resistance training: a novel approach to improving body composition and associated health outcomes among metastatic prostate cancer patients”
- 5. Metabolism Research in Progress** **2/19**
University of Utah, Salt Lake City, UT
“Exercise prescription and sports nutrition strategies for cancer prevention and survivorship”
- 6. Energy Balance Research Seminar** **6/18**

Adriana M Coletta PhD, MS, RD

University of Texas MD Anderson Cancer Center, Houston, TX

“High-intensity interval training for women at heightened risk for breast cancer”

- 7. Active Living after Cancer Support Group** 4/18
University of Texas MD Anderson Cancer Center, Houston, TX
“Physical activity and diet in cancer survivorship”
- 8. Clinical Research Support Center Lecture Series** 2/18
University of Texas MD Anderson Cancer Center, Houston, TX
“The link between obesity and cancer risk”
- 9. Kinesiology Seminar** 10/17
Texas A&M University, College Station, TX
“The efficacy of a commercially available genetic screening kit for weight management on weight loss success & related biomarkers”
- 10. myCancerConnection- PIKNIC Lunch and Learn** 9/17
University of Texas MD Anderson Cancer Center, Houston, TX
“Obesity: a risk factor for various cancer types”
- 11. Kinesiology Seminar** 5/15
Texas A&M University, College Station, TX
“Influence of obesity-related genotype on weight loss success and body composition changes while participating in a 3-month weight loss program: preliminary findings”
- 12. Aggie Swim Club** 11/14
College Station, TX
“Nutrition for the Child and Adolescent Athlete”
- 13. Johns Hopkins Children’s Center- Adolescent Medicine Grand Rounds** 6/13
Baltimore, MD
“Clinical management of refeeding syndrome in patients suffering from eating disorders”
- 14. Johns Hopkins Children’s Center- Division of Pediatric GI/Nutrition Journal Club** 6/13
Baltimore, MD
“Comparison of symptom response following advice for a diet low in fermentable carbohydrates (FODMAP) versus standard dietary advice in patients with irritable bowel syndrome”
- 15. Johns Hopkins Children’s Center- Pediatric Nutrition Support Services** 6/12
Baltimore, MD
“Childhood dyslipidemia”
- 16. Maryland Academy of Nutrition and Dietetics- Journal Club** 5/12
Annapolis, MD
“Effects of manipulating eating frequency during a behavioral weight loss intervention: A pilot randomized controlled trial” Bachman JL, Raynor HA. *Obesity (Silver Spring)* 2012; 20(5): 985-92.
- 17. The Leukemia and Lymphoma Society- Team in Training** 2/11
Knoxville, TN
“Fueling for Performance”

National Conference Oral Presentations

- 1. American Society of Clinical Oncology Annual Meeting** 6/22
Chicago, IL
“Implementing exercise programs in oncology care: The data behind real-world examples”
- 1. American Society of Preventive Oncology Annual Meeting** 3/18
New York, NY
“The impact of lifestyle intervention and metformin on long-term reductions in visceral

National Conference Poster Presentations

- 1. American Society of Preventive Oncology Annual Meeting** **3/19**
Tampa, FL
“The feasibility of high-intensity interval training among women at heightened risk for invasive breast cancer” **Coletta AM**, Brewster AM, Chen M, Li Y, Bevers TB, Basen-Engquist K, Gilchrist SC.
- 2. NCI Epidemiology and Genomics Research Program Workshop** **9/17**
Bethesda, MD
“Dual energy x-ray absorptiometry compared to computed tomography to measure visceral adiposity in gastrointestinal and pancreatic cancer patients and survivors” **Coletta AM**, Klopp AH, Fogelman D, Parikh AM, Li Y, Garg N, Basen-Engquist K.
- 3. American College of Sports Medicine Annual Meeting** **5/17**
Denver, CO
“Dual energy x-ray absorptiometry is comparable to computed tomography for visceral adiposity measurement in cancer patients and survivors” **Coletta AM**, Klopp AH, Fogelman D, Parikh AM, Li Y, Garg N, Basen-Engquist K.
- 4. American Society of Preventive Oncology Annual Meeting** **3/17**
Seattle, WA
“Adherence to physical activity guidelines in a cancer prevention setting: the impact of body mass index” **Coletta AM**, Marquez G, Thomas P, Thoman W, Austin A, Damani S, Bevers T, Brewster AB, Hawk E, Basen-Engquist K, Gilchrist SC.
- 5. Federation of American Societies for Experimental Biology Annual Meeting** **4/16**
San Diego, CA
"Efficacy of commercial weight loss programs on metabolic syndrome" **Coletta A**, Baetge C, Murano P, Galvin, E, Rasmussen C, Greenwood M, Levers K, Lockard B, Simbo SY, Jung YP, Koozehchian M, Cho M, Mardock M, Kresta J, Oliver J, Sanchez B, Byrd M, Khanna D, Jagim A, Earnest CP, Kreider RB.
- 6. International Society of Sports Nutrition Annual Meeting** **6/15**
Austin, TX
"Effects of matching diet type to obesity-related genotype on body composition changes in women during a six-month resistance-exercise training and walking program" **Coletta A**, Sanchez B, O’Connor A, Dalton R, Springer S, Koozehchain M, Jung YP, Simbo S, Cho M, Goodenough C, Reyes A, Sowinski R, Wilkins L, Rasmussen C, Kreider RB.
- 7. Federation of American Societies for Experimental Biology Annual Meeting** **3/15**
Boston, MA
"Influence of obesity-related genotype on weight loss success and body composition changes while participating in a 3-month exercise and weight loss program: preliminary findings" **Coletta A**, Sanchez B, O’Connor A, Dalton R, Springer S, Koozehchain M, Jung YP, Simbo S, Cho M, Goodenough C, Reyes A, Galvan E, Levers K, Wilkins L, Rasmussen C, Kreider RB.
- 8. South Eastern Conference (SEC) Symposium** **9/14**
Atlanta, GA
“Effects of adherence to higher carbohydrate or higher protein hypoenergetic diets while participating in a resistance-training program on obese women with and without metabolic syndrome II” **Coletta A**, Lockard B, Oliver J, Galvin E, Levers K, Jagim V, Rivera A, Cho M, Jagim A, Baetge C, Jung YP, Koozehchian M, Springer S, Rhodes J, Waltersheid J, Chang CH, Machac A, Kerksick C, Wilborn C, Taylor L, Magrans-Courtney T, Galbreath M, Li R,

Adriana M Coletta PhD, MS, RD

Ferreira M, Rasmussen C, Kreider RB.

9. Federation of American Societies for Experimental Biology Annual Meeting 4/14
San Diego, CA

“Effects of two popular weight loss program on changes in body composition and visceral adipose tissue in women” **Coletta A**, Mardock M, Lockard B, Byrd M, Simbo S, Jagim A, Kresta J, Baetge C, Jung YP, Koozehchian M, Khanna D, Kyul H, Oliver J, Greenwood M, Rasmussen C, Kreider R.

10. American College of Sports Medicine Annual Meeting 6/11
Denver, CO

"Does carbohydrate-protein supplementation enhance endurance performance in male recreational runners?" **Coletta A**, Raynor HA.

PROFESSIONAL EXPERIENCE & QUALIFICATIONS

Positions

Exercise and Sport Nutrition Laboratory- Graduate Research Assistant 8/13-5/16
Texas A&M University, College Station TX

The Johns Hopkins Children’s Center- Clinical Dietitian Specialist 1 10/11-8/13
Baltimore, MD

In-patient Responsibilities: Enteral and parenteral nutrition, nutrition education, dietary counseling

Primary team for all ages and units: renal

Secondary teams specific to adolescent medicine and school-aged children units: general pediatrics, orthopedics, neurology/neurosurgery, urology, pulmonary

Secondary team for all ages: child psychiatry in-patient and day hospital

Out-patient Responsibilities: Enteral nutrition, nutrition education, dietary counseling

Primary Clinics: Renal and general pediatric clinics; *Secondary Clinic:* Gastroenterology

Projects:

1. Conducted quality assurance projects for renal transplant and peritoneal dialysis patients.
2. Developed protocol to manage refeeding syndrome for Pediatric Nutrition Support Services.
3. Developed general nutrition education curriculum and collaborated with nursing staff in psychiatric unit to enable delivery of group nutrition education sessions by nursing.
4. Created and conducted 8-week nutrition education program, 2x/yr, serving children and families of Baltimore City Well-Child participants.

McGraw-Hill Higher Education- Assistant Nutrition Correspondent 9/09-12/09
University of Tennessee, Knoxville TN

LearnSmart Nutrition Project

Collaborated with faculty and students from universities nation-wide to develop an interactive learning tool to be sold with textbook.

Healthy Eating and Activity Laboratory- Research Assistant 9/08-8/10
University of Tennessee, Knoxville TN

Cherokee Health System- Nutrition Specialist 5/09-6/09
Knoxville, Talbot & Maryville, TN

Part of multidisciplinary team that delivered family-based lifestyle intervention.

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Pennsylvania Nutrition Education (TRACKS)- Intern 5/08-7/08
State College, PA

General Clinical Research Center- Metabolic Kitchen Technician 1/06-5/07; 5/08-7/08
The Pennsylvania State University, University Park PA

Metabolic Diet Study Center- Metabolic Kitchen Technician 9/07-7/08
The Pennsylvania State University, University Park PA

Penn State Summer Swim Camps- Nutrition Specialist 7/08
The Pennsylvania State University, University Park PA

Camp Shane Weight Loss Camp for Kids - Nutrition Specialist 6/07-8/07
Ferndale, NY

Certifications/Licensure

Basic Life Support Provider, American Heart Association 9/17-present
Registered Dietitian (Registration ID: 1011502) 9/11-present

Professional Societies

American Society of Preventive Oncology
American College of Sports Medicine

Additional Training

University of Utah Vice Presidents Clinical And Translational Research Scholars Program (VPCAT) 1/19-1/21

Highly competitive application process. This program is designed to foster grant writing success and professional development for the University's most promising junior faculty.

Transdisciplinary Research on Energetics and Cancer Training Workshop 6/18
Highly competitive application process. This workshop is a mentored energy balance and cancer education program funded by the NCI.

Sports Nutrition Counseling with Dr. Kris Clark 1/08-5/08
The Pennsylvania State University, University Park PA

Responsibilities: Observed and practiced sports nutrition counseling to athletes; developed display in athletic facility consisting of general sports nutrition education.

Philadelphia Veterans Affairs Medical Center- Nutrition Intern 5/06-7/06
Philadelphia, PA

Responsibilities: Shadowed Dietitians of all areas in both the medical center and nursing home; conducted a group session in reference to nutrition, health and the fast food industry to participants in the "MOVE" national weight management program.

HONORS & AWARDS

1. Robert B. Armstrong Graduate Scholar Award (5/16)

Texas A&M University, College Station TX

2. Graduate Student Presentation Grant (2/15)

Adriana M Coletta PhD, MS, RD

Texas A&M University, College Station TX

3. Texas Public Education Grant- Non-Resident (12/15)

Texas A&M University, College Station TX

4. College of Education, Health, & Human Sciences Dean's Award (3/11)

University of Tennessee, Knoxville TN

5. Maralee Garland Graduate Fellowship (8/09-1/11)

University of Tennessee, Knoxville TN

PROFESSIONAL SERVICE

National

American Society of Preventive Oncology 3/17-Present

-Co-chair Lifestyle Behaviors, Energy Balance & Chemoprevention Special Interest Group (4/21-present)

-Co-chair of Junior Member Session for annual meeting 2018

-Assisted in preparation and dissemination of junior member session at annual meeting 2017

-Abstract reviewer for annual meeting 2017- Present

Journal of the International Society of Sports Nutrition 10/14- Present

Ad hoc Reviewer

Scientific Reports- Nature Publishing Group 5/18- Present

Ad hoc Reviewer

Cancer Epidemiology Biomarkers and Prevention 1/19- Present

Ad hoc Reviewer

Nutrition and Metabolic Insights 1/19-Present

Ad hoc Reviewer

Medicine and Science in Sports and Exercise 1/19-Present

Ad hoc Reviewer

Complementary Therapies in Medicine 1/19-Present

Ad hoc Reviewer

Cancer Prevention Research 10/20-Present

Ad hoc Reviewer

University

University of Utah IRB- Protocol Review and Monitoring Committee 3/19-Present

Huntsman Cancer Institute at the University of Utah, Salt Lake City UT

This committee is mandated by the National Cancer Institute (NCI) since HCI is an NCI-designated cancer center. The committee is charged with evaluating scientific merit and monitoring accrual of cancer-related research at the University and HCI.

2019 Colorectal Cancer Day 3/19

Huntsman Cancer Institute at the University of Utah, Salt Lake City UT

Adriana M Coletta PhD, MS, RD

Event for community, including patients and caregivers. I served as one of the experts in exercise and nutrition for cancer prevention and survivorship within the informational roundtable sessions.

Symposium Honoring Women's Research 3/14
Texas A&M University, College Station TX
Represented the Exercise and Sport Nutrition Laboratory while presenting multiple posters regarding research with Curves International diet and exercise program

College/Department

Undergraduate Curriculum Sub-Committee 9/20- Present
Department of Health and Kinesiology
University of Utah, Salt Lake City UT
Emphasis Representative for Kinesiology

HCI Community Town Hall Committee 1/19-9/21
Huntsman Cancer Institute, Salt Lake City UT
Committee Member

Syllabi and Policy Committee 3/19-7/20
Department of Health, Kinesiology and Recreation
University of Utah, Salt Lake City UT
Committee Member

Faculty Search Committee 9/18-6/20
Department of Health, Kinesiology, and Recreation
University of Utah, Salt Lake City UT
Committee Member

Poster Presentation/Elevator Speech Review Committee-Summer Trainee Exposition 8/17
NCI R25 Cancer Prevention Research Training Program
University of Texas MD Anderson Cancer Center, Houston TX
Committee Member

Leading Mentor in Cancer Prevention Review Committee 11/16, 11/17
NCI R25 Cancer Prevention Research Training Program
University of Texas MD Anderson Cancer Center, Houston TX
Committee Member

Updated as of September 12, 2022