



# Transdisciplinary (TD) Research on Energetics and Cancer

JUNE 20-25, 2021

## 5<sup>TH</sup> Annual Training Workshop for Early Career Investigators

We are **building a diverse community of TD researchers** and invite you to apply to our mentored program: The Transdisciplinary Research on Energetics and Cancer (TREC) Training Workshop. Funded by the National Cancer Institute and led by Yale University’s Dr. Melinda Irwin with a Senior Advisory Board and expert international faculty, this program builds capacity in TD **energetics and cancer research** from basic, clinical, and population science perspectives and is designed for early career investigators (i.e., **junior faculty and postdocs**). This **5-day, in residence Workshop\*** is offered annually and places emphasis on developing and applying TD competencies focused on energetics (i.e., obesity, diet and exercise) and cancer. **Expert faculty** span an array of professional disciplines, from basic scientists to clinicians to behavioral and population scientists. Formal didactic learning is integrated with one-on-one dialog and small group discussions to enable fellows to learn from each other and from faculty, and to develop a TD network. The 5<sup>th</sup> annual course will be held June 20-25, 2021 at Water’s Edge Resort, Westbrook, CT\*. **Costs are covered (excluding ground transportation).**

Notification of Intent to Apply – December 15, 2020 to [dlowry@fredhutch.org](mailto:dlowry@fredhutch.org)  
Applications due January 15, 2021

**For more detail and to apply:** [TRECTraining.yale.edu](http://TRECTraining.yale.edu)

\*Travel contingent on safety allowances due to the COVID-19 pandemic. If necessary, we will conduct the 2021 Workshop virtually via Zoom, June 20-25, 2021. Decision will be made by April 1, 2021.

Funded by NCI



Hosted by Yale Cancer Center | School of Public Health



TD Training Opportunity in Energetics and Cancer!

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Geared to Early Career Scientists (junior faculty and postdocs)

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Expert Faculty!

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TD Competencies Translational Research

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Don't miss out – apply today!

COURSE VENUE \*

Water’s Edge Resort Westbrook, CT

### SELECTED TESTIMONIALS

*Content and discussion were outstanding – organic, detailed, exciting!  
The networking and collaborative opportunities at this meeting are unmatched!  
Invaluable feedback, both on my proposal & career advice –beyond expectation!  
A meeting unlike any other! Many opportunities for networking and collaboration – highly recommend!*



## Curriculum-at-a-Glance

The Workshop is geared to early career basic, clinical and population scientists who are interested in energy balance and cancer research from transdisciplinary and translational perspectives.

Broad Topics	Sample Sessions
Basic Sciences	Animal models, pre-clinical research methods
Cancer Biology and Epidemiology	Cancer biology and etiology, cancer rates, screening, treatment, side effects
Energy Balance and Cancer	What we know and don't know – diet, physical activity, observational and interventional studies, mediation, effect modification, racial/ethnic and SES differences
Cancer Endpoints	Risk, recurrence, mortality, patient-reported outcomes, biomarkers/mechanisms
Review of Studies	For example: TREC, NHS, WHI, WINS, WHEL, CHALLENGE, PAL, PALS, WISER, HOPE, WALC, and Cooperative Group/NCORP
Research Methods	Study design, power calculation, data management, statistics, transdisciplinary research, laboratory safety, research ethics
Grant Writing	Regulatory concerns, specific aims, eligibility criteria, recruitment, data collection, authorship, conflict of interest
Once funded, now what?	Study start up, advertising, hiring staff
Career Development	Networking, media relations, promotions

### Senior Advisory Board

**Melinda Irwin, PhD, MPH**

Graham Colditz, DrPH, MD, MPH

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Marian Neuhouser, PhD, RD

Ruth Patterson, PhD

Kathryn Schmitz, PhD, MPH, FACSM

Dorothy Sears, PhD

### Course Faculty

Seminars, group sessions, and one-on-one meetings are led by approximately 20 senior experts in the field. See our full list of faculty at [TRECTraining.yale.edu](http://TRECTraining.yale.edu).

### For More information

Visit us on the web at

**[TRECTraining.yale.edu](http://TRECTraining.yale.edu)**

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