Transdisciplinary (TD) Research on Energetics and Cancer

JUNE 21-26, 2020

4TH 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 4th annual course will be held June 21-26, 2020 at Water’s Edge Resort, Westbrook, CT. Costs are covered (excluding ground transportation).

Notification of Intent to Apply – December 16, 2019 to dlowry@fredhutch.org
Applications due January 15, 2020

For more detail and to apply: TRECTraining.yale.edu

Funded by NCI
Hosted by Yale Cancer Center | School of Public Health

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.

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

Melinda Irwin, PhD, MPH  
Graham Colditz, DrPH, MD, MPH  
Jennifer Ligibel, MD  
Linda Nebeling, PhD, MPH, RD, FAND  
Marian Neuhausser, PhD, RD  
Ruth Patterson, PhD  
Kathryn Schmitz, PhD, MPH, FACSM

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.

For More information

Visit us on the web at  
TRECTraining.yale.edu  
Program Director  
Diana Lowry, MPH  206-667-7960  
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