

Dr. Ami Radunskaya

A California native, Professor Radunskaya is a faculty member of the Department of Mathematics at Pomona College in Claremont, California specializing in ergodic theory, dynamical systems and applications to various "real-world" problems. She has been recognized for both her research and mentoring and is a strong supporter of women in mathematics, currently serving as president of the Association for Women in Mathematics. Dr. Radunskaya believes strongly in the power of collaboration and that everyone can learn to enjoy mathematics.

2018 SEHNERT LECTURE

USING MATHEMATICS TO FIGHT CANCER

with Dr. Ami Radunskaya

Dr. Radunskaya lectures on what mathematics can tell us about the treatment of cancer. Mathematical models, or formulas, that describe tumor growth, immune response and administration of different therapies can suggest treatment strategies that optimize treatment efficacy and minimize negative side effects. Examples of how doctors, immunologists and mathematicians can work together to understand the development of the disease and to design effective treatments will be discussed. What questions could you answer with the help of mathematics?

MONDAY, OCTOBER 22, 2018

7 P.M. // STUDENT UNION BALLROOM (107A)

THIS EVENT IS FREE AND OPEN TO PUBLIC. For more information: math@nku.edu

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