Supporting Cancer Education through the NCI R25 Grant Mechanism

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Nothing to disclose
R25: A Grant Mechanism for Education Programs

• Supports innovative institutional research education programs

• Supports education projects not normally funded by NIH funding mechanisms such as R01, R21, T32, etc. that support research or training programs

• NIH-wide, there are 24 active R25 FOAs sponsored by various Institutes/Centers

The NCI R25 FOA Supports Three Types of Projects

• **Short-term educational programs**: cancer-focused workshops or courses
  – Teach state-of-the-art research advancements or new methodologies including cancer prevention and control interventions

• **Short-term research experience programs**: 
  – Provide cancer-focused research experience in a lab or field setting for up to 15 weeks

• **Institutional curriculum development projects**: 
  – Develop curricula that bring recent advances in cancer research, treatment, diagnosis, etc., to a broad audience
Examples of NCI R25 Awards: Short-term Educational Programs

- “Preparing Professional Nurses for Cancer Survivorship Care”
  - PIs: Marcia Grant and Mary McCabe
  - Institution: City of Hope/Beckman Research Institute

- “Integrative Molecular Epidemiology Workshop”
  - PI: Thomas Sellers
  - Institution: American Association for Cancer Research

- “Integrated Course in Biology and Physics of Radiation Oncology (IBPRO)”
  - PIs: Michael Joiner and Monica Tracey
  - Institution: Wayne State University

Examples of NCI R25 Awards: Short-term Research Experience Programs

- “Cancer Research Experiences for Students”
  - PI: John Waterbor
  - Institution: The University of Alabama at Birmingham

- “Cancer Prevention Education: Student Research Experiences”
  - PI: Shine Chang
  - Institution: The University of Texas M. D. Anderson Cancer Center

- “CaNCURE: Cancer Nanomedicine Co-ops for Undergraduate Research Experiences”
  - PI: Srinivas Sridhar
  - Institution: Northeastern University
Examples of NCI R25 Awards: Institutional Curriculum Development Projects

• “The Development of an Interdisciplinary Oncology Palliative Care Curriculum”
  – PI: Mark Pfeifer
  – Institution: University of Louisville

• “A National Curriculum in Cancer Genomics for Pathology Residents”
  – PI: Richard Haspel
  – Institution: Beth Israel Deaconess Medical Center

• “Standardized Patients to Assess Competency in Tobacco Cessation Counseling”
  – PI: Karen Hudmon
  – Institution: Purdue University

The NCI R25 Portfolio: 2010-14

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$11.9M $11.7M $12.6M $13.7M $14.0M
NCI R25 Applications, Awards, and Success Rates, 2010-14

Preparing R25 Applications: Things to Keep in Mind

- Read ALL of the available guidance providing directions about submission
  - SF424 (R&R) Application Guide for NIH and Other PHS Agencies
  - NCI R25 Program Announcement
    - Section IV. Application and Submission Information
    - Section V. Application Review Information
      - This section explains the R25 Review Criteria
- Communicate with the Program Director PRIOR to submission
Preparing R25 Applications: Things to Keep in Mind (cont.)

- Include only appropriate materials in the application
  - Do not overstuff the appendix to circumvent page limits
    - NOT-OD-11-100
  - Only limited Supplemental Material (usually 3 pages or less) is allowed after the Receipt Date and at least 30 days prior to the review meeting
    - NOT-OD-13-030

Preparing R25 Applications: Things to Keep in Mind (cont.)

- R25 Applications Are Reviewed in the NCI Subcommittee-F designated for Institutional Training and Education Grants

  - R25: “Cancer Education Grants Program”
  - T32: “Ruth L. Kirschstein National Research Service Award (NRSA) Institutional Research Training Grants”
  - K12: “Paul Calabresi Career Development Award for Clinical Oncology”