

American College of Radiology

Research Development Report

Reporting Period:

July 1, 2013 – June 30, 2014

Commercial Development of Research

No activities during the reporting period.

Research Licensing Agreements

No activities during the reporting period.

Training Students and Health Professionals

The ACRIN Pennsylvania (PA) Network was formed to conduct clinical trials at academic medical centers; given the mission of such centers, many students are involved. CURE 9, project #2 involves training of computed tomography technologists as one of the interventions.

Through the subcontract to Jefferson Medical College in Philadelphia, we also provided training to postdoctoral fellows and residents in radiation therapy physics on issues related to conducting multi-center clinical trials. The training included hands-on work related to the development and structure of clinical trials and the collection of trial data. It also provided them with training in creative problem solving using real issues in clinical research. Wenzhou Chen, PhD, is in his senior year of the training program. Jialu Yu, PhD, and Tawfik Giaddui, PhD, are in their first year of the four year training program that combines research and clinical services.

Commercial Research Development Training

No activities during the reporting period.

Outreach to Businesses Regarding Recent Research Developments

No activities during the reporting period.

Research Development Collaboration

The ACRIN Pennsylvania (PA) Network was formed and continues to operate as a network of sites collaborating together to conduct trials to address emerging imaging questions..

- CURE 9, Project #2: 4 academic medical centers collaborating to conduct a multi-site trial

- CURE 10, Project #3: 3 academic medical centers and one large community-based medical center collaborating to conduct this multi-site trial.

We are also collaborating on multiple CURE projects with PIs and Co-Investigators at Jefferson Medical College, the University of Pennsylvania, the University of Pittsburgh, the Wistar Institute, the Children's Hospital of Philadelphia, and the National Cancer Institute, among others.