

Determining Function

Instruction (RI): the teaching and training activities of an institution...whether they are offered for credits toward a degree or certificate or on a non-credit basis. The direct costs of distance education are also considered instruction.

Public Service/Extension (OT or EX): other sponsored activities...programs and projects which involve the performance of work other than instruction and research.

- **Extension** is used to identify programs that are not research but programs where knowledge, expertise and solutions are provided to the public as being supported by a grant, contract or other award type.
- **Public Service/Outreach** is used to identify specific activity supported by a grant, contract or other award type where services are being provided to populations who might not otherwise have access to those services. Public service/Outreach has an educational role by raising awareness of existing services.

Research (RS): all research and development activities of an institution that are separately budgeted and accounted for.

- **Basic Research** is undertaken primarily to acquire new knowledge without any particular application or use in mind. Examples would be standard NSF, NIH, USDA grants.
- **Applied Research** is conducted to gain the knowledge or understanding to meet a specific, recognized need. Examples would be Phase I & II SBIR and STTR submissions, Clinical Trials, Field Trials and Demonstrations.
- **Development Research** is the systematic use of the knowledge or understanding gained from research directed toward the production of useful materials, devices, systems, or methods, including the design and development of prototypes and processes.
- **Research Training** is defined as activities of individuals with the primary objective of developing or extending their research skills, techniques and knowledge in preparation for a research career. Examples would be NIH NRSA Training Grants (T), NIH NRSA Fellowships (F).
- **From A-110:**
"A.2.(dd) **Research and development** means all research activities, both basic and applied, and all development activities that are supported at universities, colleges, and other non-profit institutions. "Research" is defined as a systematic study directed toward fuller scientific knowledge or understanding of the subject studied. "Development" is the systematic use of knowledge and understanding gained from research directed toward the production of useful materials, devices, systems, or methods, including design and development of prototypes and processes. The term research also includes activities involving the training of individuals in research techniques where such activities utilize the same facilities as other research and development activities and where such activities are not included in the instruction function.