



Faculty
Responsibilities

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In your groups, discuss faculty responsibilities.

1. List at least 3 categories of faculty responsibilities;
2. Provide some specific examples of tasks that fall into those categories;
3. Approximate the percentage of time you believe faculty spend in the categories you defined in #1.

Tenure

A process most faculty at universities go through in academic positions
Tenure is awarded for contributions in teaching, research, service

Tenure-Track

Assistant Professor (0-5 yrs)
Associate Professor (6-? Yrs)
Professor

Non-Tenure-Track

Instructor (teaching duties only)
Research Prof (research only)

All except Instructor positions require a Ph.D. After Ph.D. is obtained, many choose to work in a **post doctoral (post doc) position** to improve research record before applying for an academic position.

Each year, tenure-track faculty are given feedback about their progress on the track; in the 4th year, a critical review takes place.

Teaching

How well does one teach?

Primary way to evaluate is the student opinion of instruction (SOI)

- UA uses a scale where 5.0 is the highest level that can be achieved. An average rating of around 4.0 is considered satisfactory for teaching.

Other things that are considered:

- How many courses taught?
- How many students in each class?
- Contributing to both undergraduate and graduate courses?
- Develop any new courses based on research expertise?
- Using any innovative teaching strategies?
- Awards for teaching?



Research

How well does one conduct research?



Primary ways to evaluate are number of papers published and amount of external funding

Papers published: most important are refereed journal articles
External funding: funding should come from various sources with NSF being the most prestigious

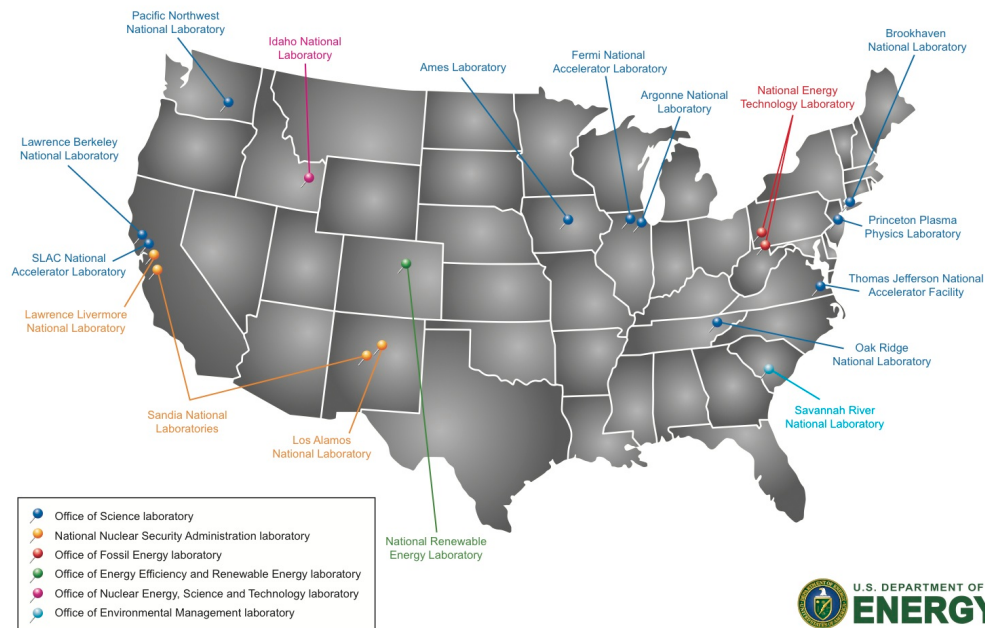
Other things that are considered:

- How many proposals are submitted?
- Are papers presented at conferences?
- Do papers include students as co-authors?
- Invited to give talks at other universities? Conferences?
- Supervising graduate students to degree completion?
- Supervising undergraduate students in research?

Where is Research Performed?

- Universities provide the majority of research activity in the US with over 260 universities categorized as Doctoral/Research by the Carnegie Foundation.
- Government labs: Dept. of Energy (see map); Dept. of Defense, Dept. of Commerce (NIST)
- Companies – a few

Department of Energy National Laboratories



Service

Are you serving?

Primary way to evaluate is the number and nature of service activities

Typical activities consist of:

- Committees at department, college, and university levels
- Committee service and Leadership positions in professional societies
- Review proposals for funding agencies
- Review papers for journals/conferences
- Assist in planning conferences and workshops
- Educational Outreach to local community



Balance

Career is important, but so is health, family, friendships

One of the easiest ways to achieve balance is to be efficient in getting through your work load. Not all that different than a student juggling several classes and co-curricular activities!

Advice:

Focus, delegate when appropriate, be a team player, pick your battles, be professional, find a mentor, say yes to important things say no to others, keep a low profile on controversial topics

