How Does Teaching and Administrative Support at Emerging Research Institutions Impact Faculty's Ability to Conduct Research?

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Impact of Teaching

§ Positive Impacts
- Enhancement of understanding
  - § Teaching courses specific to research area
- Increased familiarity of literature
  - § Assigning students activities to help review literature

§ Negative Impacts
- Teaching Load Heavy
  - § Loads of multiple preparations
  - § Schedules cutting across all days of the week
  - § Teaching only lower division (freshman/sophomore) courses
- Teaching Philosophy
  - § Outside of class activities to increase student success
  - § Assignment of additional/bonus activities

Impact of Teaching

§ Negative Impacts Cont'd.

- Advising large numbers of students
- Service on multiple committees

Impact of Administrative Support

§ **Positive Impacts** (maybe)
  – Lack of publish or perish stress

§ **Negative Impacts**
  – Lengthy process of approvals
    § Submitting proposals
    § Hiring personnel (Professionals vs Technical Staff)
    § Ordering materials and supplies
  – Lack of or minor start-up support
    § Materials, supplies, and specialized equipment
    § Release from teaching/committee responsibilities
  – Lack of incentives
    § Release time
    § Additional support to research program
    § Salary enhancement
  – Lack of support for P.I. development
    § Minimal travel support
    § No or inadequate proposal development support
    § No grant writing training

Impact of Administrative Support

§ **Negative Impacts continued**

– Lack of proper facility maintenance and timely renovations

  § Maintenance activities focused on repair rather than prevention

  § Many repair activities require external contracting

  § Renovations require lengthy approvals and external contracting

– No or inadequate core facilities

  § Availability of core facilities decrease costs

  § Increase competitiveness for grant support

– Inadequate grant management infrastructure

  § Grant Officers travel to workshops

  § Communication issues PI and Officers

– Inadequate purchasing and receiving infrastructure

  § Purchasing process lengthy

  § Untimely deliveries

– Inadequate support for library acquisitions

  § Electronic resources versus Hard copies