



*“Duke has a long tradition of encouraging and supporting the daring and intelligent crossing of boundaries, exploring intersections and redrawing intellectual maps.”* —Nannerl Keohane, President, Duke University

## Shared Research Problems Requiring Expertise of Diverse Disciplines

# 1

### Strategic Planning

- Identifying interdisciplinary issues/problems
  - Faculty driven
  - Administration driven
- Shared human, financial and physical resources
- External collaboration and funding opportunities
- Integration with educational mission

#### CHALLENGES

- Changing the culture of single disciplines
- ICR allocation
- Sustaining interest
- Faculty incentives
- Sustained funding
- Tensions between research and teaching

# 2

### Implementation and Management

- Faculty leadership and participation
- Administration approvals and internal governance
- University and federal standards and procedures
- New collaborations with other institutions
- New courses, programs and certificates

#### CHALLENGES

- Cross-disciplinary communications
- Lack of faculty management experience
- Blurred reporting lines
- Complex departmental affiliations and finances
- Administrative vs. research support
- Impediments to cross-school and cross-departmental teaching

# 3

### Evaluation

- Impact on the issue or problem
- Central data-gathering and tracking
- Annual reporting
- 5-year reviews: renew, adapt or terminate

#### CHALLENGES

- Measuring success
- Compliance
- Adding another level of bureaucracy
- Adaptive management

# DUKE UNIVERSITY

AN INSTITUTIONAL COMMITMENT TO INTERDISCIPLINARY SCHOLARSHIP

## Addressing the Challenges

#### FUNDING

- Internal competitions & funding opportunities
- Creating innovative models for ongoing support of infrastructure costs
- ICR sharing
- Cross-school teaching

#### OTHER INCENTIVES

- Interdisciplinary university professorships
- Appointment, promotion and tenure incentives: interdisciplinary consideration
- Interdisciplinary scholarships and fellowships
- Curriculum 2000

#### COMMUNICATIONS

- InterConnection (quarterly newsletter on interdisciplinarity at Duke)
- Interdisciplinary web site (launch date July 2004)
- Interdisciplinary Administrators Working Group

#### ADMINISTRATION & PERSONNEL

- Vice Provost for Interdisciplinary Studies, Vice Provost for Academic Affairs, Vice Provost for International Studies
- Special Assistant for Interdisciplinary Programs
- Dedicated financial analyst
- Postdoctoral Office