## **Appendix A: Supplementary Tables**

### **IGERT Project Characteristics**

#### Exhibit A.1

#### **IGERT PI Descriptions of Their Projects**

### **Project Goals**

We are creating students with a mastery of one field who can work with in other fields

Our IGERT project supplements/augments existing departmental degree program

We are creating a new type of interdisciplinary scientist

We are creating students who know and can use the techniques of multiple disciplines

We have created a new inter/multidisciplinary certificate or degree program

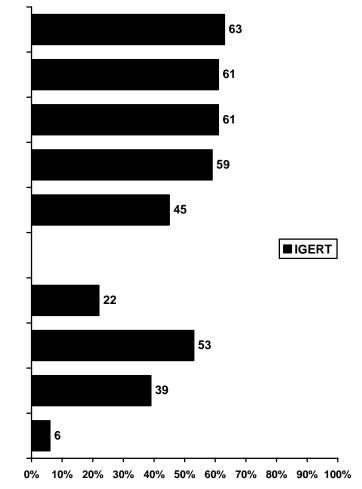
# Degree of Disciplinary Integration

We expect students to become an expert in more than one field

Our IGERT is situated at the intersection of 2 or more currently recognized fields

Our IGERT deals with a new, emerging field

Our IGERT is primarily situated in one currently recognized field



N=49

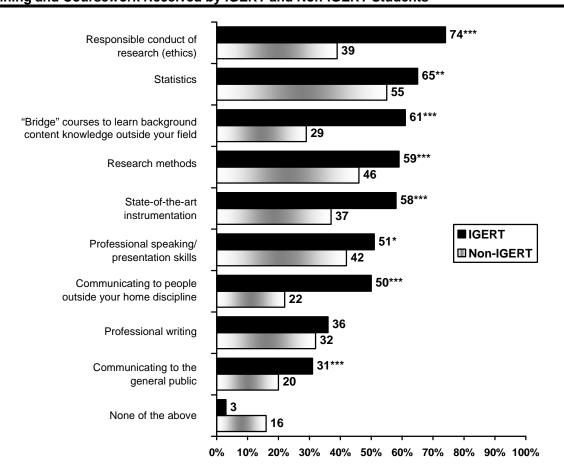
Note: Reporting the percent choosing "Completely" on a scale of 1 ("Not at all") to 5 ("Completely").  $\,$ .

Source: Initial Impacts Survey of PIs 2004.

Question: "To what extent does each of the following statements describe the goals of your IGERT project?"

Exhibit A.2

Training and Coursework Received by IGERT and Non-IGERT Students



N IGERT Students=306. N Non-IGERT Students=566.

Note: Reporting the percent of students that agreed with each statement.

Source: Initial Impacts Survey of Students 2004.

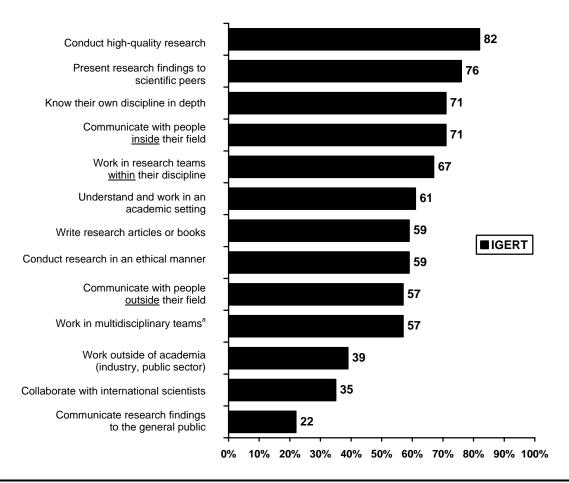
Question: "Have you received formal training or taken courses in the following areas? 'Training' includes workshops, seminars, retreats, special sessions within a course, etc."

### **IGERT Trainee Preparedness**

**Exhibit A.3** 

### PI Perceptions of Trainee Preparedness

"How well do you think your IGERT students are being prepared to..."



N = 49.

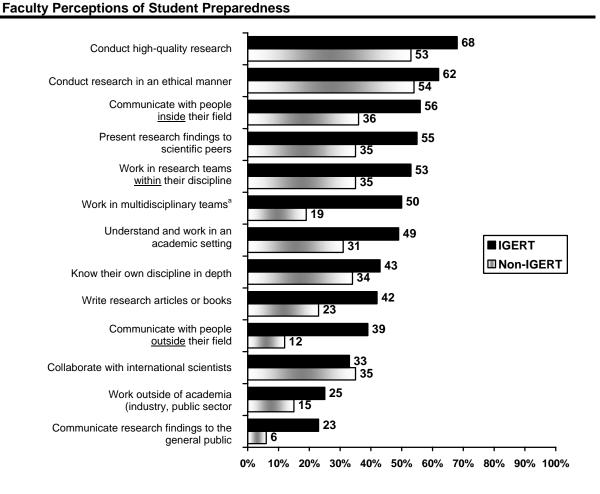
Note: Reporting the percent choosing "Very Well Prepared" on a scale of 1 ("Not Well Prepared") to 5 ("Very Well Prepared").

<sup>a</sup> Multidisciplinary teams = teams of researchers from more than one discipline

Source: Initial Impacts Survey of PIs 2004.

Question: "How well do you think your IGERT graduate students are being prepared for the following tasks?"

Exhibit A.4



N IGERT Faculty=347. N Non-IGERT Faculty=556.

Notes: IGERT faculty are reporting on their IGERT graduate students. Non-IGERT faculty are reporting on their own graduate students.

Reporting the percent choosing "Very Well Prepared" on a scale of 1 ("Not Well Prepared") to 5 ("Very Well Prepared").

Source: Initial Impacts Survey of Faculty

Question: "How well do you think your IGERT graduate students are being prepared for the following tasks?" (IGERT faculty)

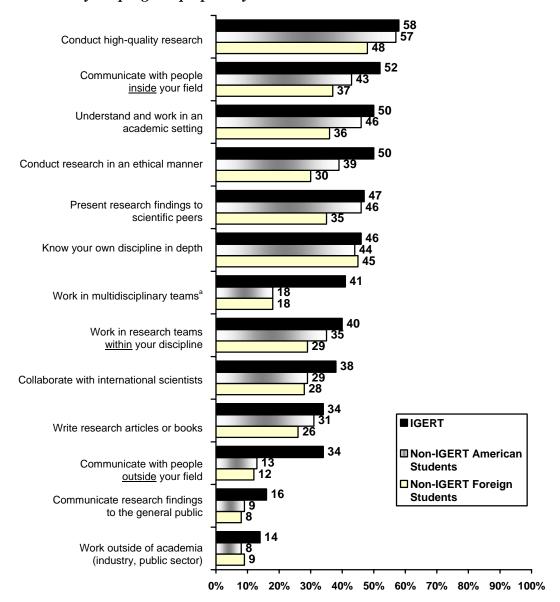
"How well do you think your graduate students are being prepared for the following tasks?" (Non-IGERT faculty)

<sup>&</sup>lt;sup>a</sup> Multidisciplinary teams = teams of researchers from more than one discipline

**Exhibit A.5** 

### Student Perceptions of How Well Their Program is Preparing Them

"How well has your program prepared you to..."



N IGERT Students=306. N Non-IGERT American Students=343. N Non-IGERT Foreign Students=223.

Note: Reporting the percent choosing "Very Well" on a scale of 1 ("Not Well") to 5 ("Very Well").

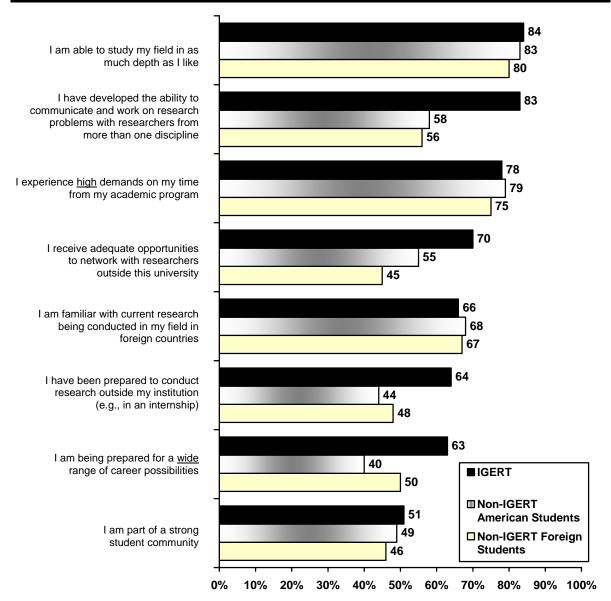
<sup>a</sup> Multidisciplinary teams = teams of researchers from more than one discipline

Source: Initial Impacts Survey of Students 2004.

Question: "On a scale of one to five, how well do you think your graduate program is preparing you for the following tasks?"

**Exhibit A.6** 

### **Student Perceptions on Their Program**



N IGERT Students=306. N Non-IGERT American Students=343. N Non-IGERT Foreign Students=223.

Note: Reporting the percent of students that agreed with each statement.

Source: Initial Impacts Survey of Students 2004.

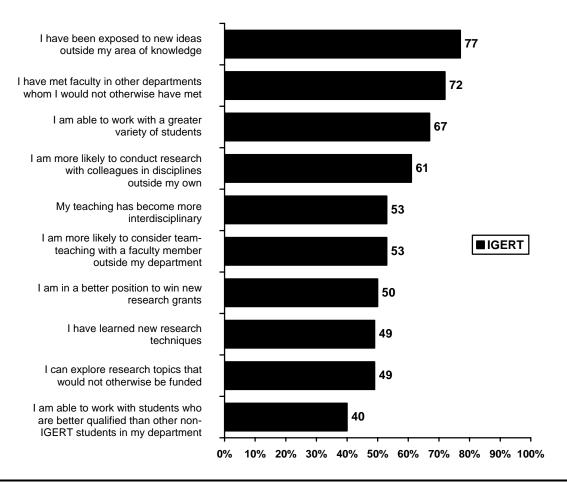
Question: "Please indicate the extent to which you agree or disagree with the following statements."

### Impact of IGERT on Participating Faculty

**Exhibit A.7** 

### **Faculty Reported Impacts of Participating in IGERT**

"As a result of IGERT..."



N IGERT Faculty=344 (missing=3).

Source: Initial Impacts Survey of Faculty 2004.

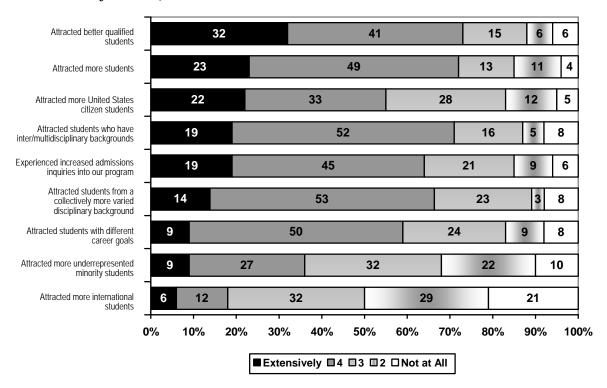
Question: "To what extent do you agree or disagree with the following statements about the impact that participating in the IGERT project has had on your professional life?" Respond on a scale of 1 ("Strongly Disagree") to 5 ("Strongly Agree"). Reporting the percent choosing '4' or '5'.

### **Impact of IGERT on Departmental Admissions**

**Exhibit A.8** 

### **IGERT Department Chair Perceptions of the Impact of IGERT on Departmental Admissions**

"As a result of IGERT, we have..."



N = 78 (missing=7).

Source: Initial Impacts Survey of Department Chairs 2004.

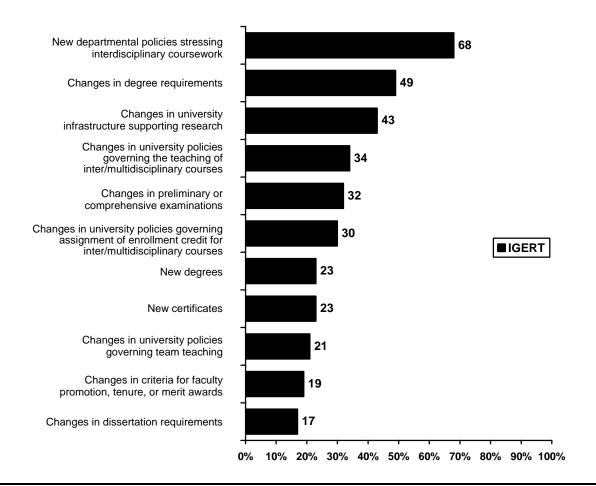
Question: "Has the presence of the IGERT grant had an impact on your departmental admissions in any of the following ways?"

### **Institutional Impact of IGERT**

#### **Exhibit A.9**

#### PI Reports of Project Impact

"The IGERT Project has resulted in..."



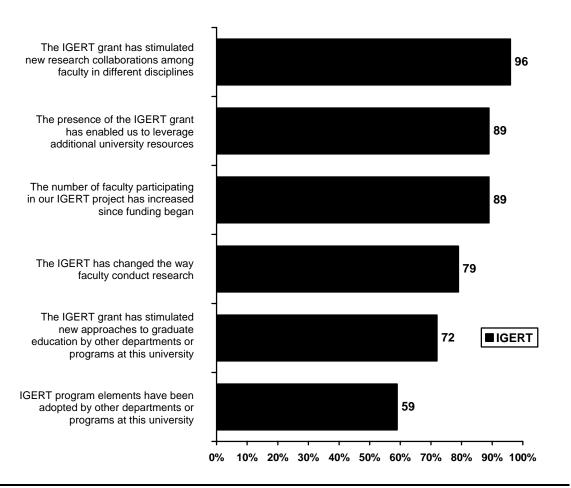
N IGERT PIs=47 (missing=2).

Source: Initial Impacts Survey of PIs 2004.

Question: "Has the IGERT grant resulted in any of the following changes at your university (or other universities participating in your project)?"

#### Exhibit A.10

### PI Perceptions of Project Impact



N IGERT PIs=47 (missing=2).

Source: Initial Impacts Survey of PIs 2004.

Question: "Has the IGERT grant resulted in any of the following changes at your university (or other universities participating in your project)?"