TRENDS IN RESEARCH TRAINING AND FELLOWSHIPS
<table>
<thead>
<tr>
<th>TABLE OF CONTENT</th>
<th>SLIDE NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TRENDS IN RESEARCH TRAINING AND FELLOWSHIPS</strong></td>
<td></td>
</tr>
<tr>
<td>FUNDING OF KIRSCHSTEIN-NRSA AND NON-NRSA RESEARCH TRAINING AND FELLOWSHIP AWARDS</td>
<td>3</td>
</tr>
<tr>
<td>CURRENT AND CONSTANT KIRSCHSTEIN-NRSA RESEARCH TRAINING DOLLARS AWARDED</td>
<td>4</td>
</tr>
<tr>
<td>KIRSCHSTEIN-NRSA RESEARCH TRAINING AND FELLOWSHIP FUNDING BY ACTIVITY</td>
<td>5</td>
</tr>
<tr>
<td>PRE AND POST-DOCTORAL POSITIONS ON KIRSCHSTEIN-NRSA RESEARCH TRAINING GRANTS AND FELLOWSHIPS</td>
<td>6</td>
</tr>
<tr>
<td>KIRSCHSTEIN –NSA RESEARCH TRAINING GRANTS AND FELLOWSHIPS BY PRE AND POST-DOCTORAL POSITIONS</td>
<td>7</td>
</tr>
<tr>
<td>PRE AND POST-DOCTORAL POSITIONS AS A PERCENT OF ALL KIRSCHSTEIN-NRSA POSITIONS</td>
<td>8</td>
</tr>
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<td>PRE- AND POST-DOCTORAL POSITIONS ON KIRSCHSTEIN-NRSA RESEARCH TRAINING GRANTS AND FELLOWSHIPS FY 2007</td>
<td>9</td>
</tr>
<tr>
<td>KIRSCHSTEIN-NRSA RESEARCH TRAINING GRANTS AND FELLOWSHIPS BY PRE AND POST-DOCTORAL POSITIONS</td>
<td>10</td>
</tr>
<tr>
<td>PRE AND POST-DOCTORAL KIRSCHSTEIN-NRSA RESEARCH TRAINING POSITIONS BY PARTICIPATING INSTITUTES AND CENTERS FY 2007</td>
<td>11</td>
</tr>
<tr>
<td>PERCENT OF EXTRAMURAL AWARDS TO KIRSCHSTEIN-NRSA RESEARCH TRAINING AND FELLOWSHIP GRANTS BY PARTICIPATING INSTITUTES AND CENTERS FY 2007</td>
<td>12</td>
</tr>
<tr>
<td>PERCENT OF EXTRAMURAL AWARDS TO ALL RESEARCH TRAINING AND FELLOWSHIPS BY INSTITUTES AND CENTERS FY 1998, 2002 AND 2007</td>
<td>13</td>
</tr>
<tr>
<td>SUCCESS RATE OF KIRSCHSTEIN-NRSA RESEARCH TRAINING GRANT (T32) APPLICATIONS</td>
<td>14</td>
</tr>
<tr>
<td>SUCCESS RATE OF KIRSCHSTEIN-NRSA PRE-DOCTORAL FELLOWSHIP (F31) APPLICATIONS</td>
<td>15</td>
</tr>
<tr>
<td>SUCCESS RATE OF KIRSCHSTEIN-NRSA POST-DOCTORAL FELLOWSHIP (F32) APPLICATIONS</td>
<td>16</td>
</tr>
<tr>
<td>DEFINITIONS AND ADDITIONAL INFORMATION</td>
<td>17</td>
</tr>
</tbody>
</table>
FUNDING OF KIRSCHSTEIN-NRSA AND NON-NRSA RESEARCH TRAINING AND FELLOWSHIP AWARDS

- Kirschstein NRSA Training and Fellowship
- Non NRSA Training and Fellowship

Fiscal Year


Funding (in millions)

$0 $100 $200 $300 $400 $500 $600 $700 $800 $900

Data provided by the Division of Information Services, Reporting Branch

NIH Extramural Data Book – last update May 2008
CURRENT AND CONSTANT KIRSCHSTEIN-NRSA RESEARCH TRAINING DOLLARS AWARDED

- Adjusted using the Biomedical Research and Development Price Index (BRDPI)

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Current Dollars</th>
<th>Constant Dollars*</th>
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<tbody>
<tr>
<td>1998</td>
<td>$325</td>
<td>$550</td>
</tr>
<tr>
<td>1999</td>
<td>$360</td>
<td>$500</td>
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<tr>
<td>2002</td>
<td>$500</td>
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<tr>
<td>2003</td>
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<td>2005</td>
<td>$650</td>
<td>$200</td>
</tr>
<tr>
<td>2006</td>
<td>$700</td>
<td>$150</td>
</tr>
<tr>
<td>2007</td>
<td>$750</td>
<td>$100</td>
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KIRSCHSTEIN-NRSA RESEARCH TRAINING AND FELLOWSHIP
FUNDING BY ACTIVITY

Fiscal Year


Funding (in billions)

$0 $100 $200 $300 $400 $500 $600 $700 $800

TU2 TL1 T90 T36 T34 T35 F35 F34 F33 F32 F31 F30

NIH Extramural Data Book – last update May 2008
Data provided by the Division of Information Services, Reporting Branch
PRE AND POST-DOCTORAL POSITIONS ON KIRSCHSTEIN-NRSA RESEARCH TRAINING GRANTS AND FELLOWSHIPS

Number of individuals appointed to institutional training grant positions are estimates.

Fiscal Year

Number of Positions


0 1,000 2,000 3,000 4,000 5,000 6,000 7,000 8,000 9,000

Pre-Doctoral Training
Pre-Doctoral Fellowship
Post-Doctoral Training
Post-Doctoral Fellowship

NIH Extramural Data Book – last update May 2008
Data provided by the Division of Information Services, Reporting Branch
KIRSCHSTEIN-NRSA RESEARCH TRAINING GRANTS AND FELLOWSHIPS
BY PRE AND POST-DOCTORAL POSITIONS

Number of individuals appointed to institutional training grant positions are estimates

Fiscal Year

Number of Positions

Pre-Doctoral
Post-Doctoral
PRE AND POST-DOCTORAL POSITIONS AS A PERCENT OF ALL KIRSCHSTEIN-NRSA POSITIONS

Number of individuals appointed to institutional training positions are estimates
Number of individuals appointed to institutional training grant positions are estimates.
KIRSCHSTEIN-NRSA RESEARCH TRAINING GRANTS AND FELLOWSHIPS
BY PRE AND POST-DOCTORAL POSITIONS
FY 2007

Number of individuals appointed to institutional training grant positions are estimates

- Predoctoral Research Training Grants: 5598
- Postdoctoral Research Training Grants: 8297
- Predoctoral Fellowships: 1489
- Postdoctoral Fellowships: 1469

Number of Positions:
- 0
- 2,000
- 4,000
- 6,000
- 8,000
- 10,000
- 12,000
- 14,000
- 16,000

Data provided by the Division of Information Services, Reporting Branch

NIH Extramural Data Book – last update May 2008

TF 10
Number of individuals appointed to institutional training positions are estimates

 Participating NIH Institutes and Centers

Number of Positions

Pre-Doctoral
Post-Doctoral

NIH Extramural Data Book – last update May 2008
Data provided by the Division of Information Services, Reporting Branch
PERCENT OF EXTRAMURAL AWARDS TO KIRSCHSTEIN-NRSA RESEARCH TRAINING AND FELLOWSHIP GRANTS BY PARTICIPATING INSTITUTES AND CENTERS FY 2007

Percent of Awards

Participating NIH Institutes and Centers

NIGMS
NINR
NIEHS
NIDCR
NMH
NIDCD
NICH
NIDDK
NHLEI
NIBIB
NIAMS
NCCAM
NIAAA
NIDA
NIA
NINDS
NCI
NAID
NEI
NHGRI
NCCR
PERCENT OF EXTRAMURAL AWARDS TO ALL RESEARCH TRAINING AND FELLOWSHIPS
BY INSTITUTES AND CENTERS

Contract data not included
SUCCESS RATE OF KIRSCHSTEIN-NRSA RESEARCH TRAINING GRANT (T32) APPLICATIONS

- Reviewed
- Awarded
- Success Rate

Number of Applications/Awards

Success Rate

Fiscal Year


0% 10% 20% 30% 40% 50% 60% 70% 80%

NIH Extramural Data Book – last update May 2008

Data provided by the Division of Information Services, Reporting Branch

TF 14
SUCCESS RATE OF KIRSCHSTEIN-NRSA PRE-DOCTORAL FELLOWSHIP (F31) APPLICATIONS

Fiscal Year

Reviewed
Awarded
Success Rate

Number of Applications/Awards


Success Rate

Reviewed Awarded Success Rate
SUCCESS RATE OF KIRSCHSTEIN-NRSA POST-DOCTORAL FELLOWSHIP (F32) APPLICATIONS

- **Reviewed**
- **Awarded**
- **Success Rate**

**Fiscal Year**
- 1998
- 1999
- 2000
- 2001
- 2002
- 2003
- 2004
- 2005
- 2006
- 2007

**Number of Applications/Awards**
- 0
- 500
- 1,000
- 1,500
- 2,000
- 2,500
- 3,000

**Success Rate**
- 0%
- 10%
- 20%
- 30%
- 40%
- 50%
<table>
<thead>
<tr>
<th>TERM</th>
<th>DEFINITION</th>
<th>ADDITIONAL INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kirschstein – NRSA (Ruth L. Kirschstein National Research Service Award) Institutional Research Training and Fellowship Mechanisms</td>
<td>NIH’s primary research training program which provides awards to both individuals and institutions to provide research training in specified health-related areas. Activities are as follows: T32, T34, T35, T36, T90, TL1, TL2, TU2, F30, F31, F32, F33, F3 and F35 (until 1998).</td>
<td>Ruth L. Kirschstein National Research Service Award (NRSA)</td>
</tr>
<tr>
<td>Non-NRSA Institutional Research Training and Fellowship Grant Mechanisms</td>
<td>Research training that comes under the training authorities of NLM or FIC or otherwise falls outside of the Kirschstein-NRSA program. Activities are as follows: F05, F37, F38, D43, D71, T14, T15, T37, R90, and U2R. These training mechanisms do not fall under the training budget as reported by the Office of Budget.</td>
<td>Activity Code Descriptions</td>
</tr>
<tr>
<td>Research Grants</td>
<td>Extramural awards made for Other Research Grants, Research Centers, Research Projects, and SBIR/STTRs. Includes the following: R, P, M, S, K, U series (excluding UC6) DP1, DP2, D42, G12.</td>
<td></td>
</tr>
<tr>
<td>Success Rate</td>
<td>Indicates the percentage of reviewed applications receiving funding computed on a fiscal year basis. It is determined by dividing the number of competing applications funded by the sum of the total number of competing applications reviewed and the number of funded carryovers. NOTE: Applications having one or more amendments in the same fiscal year are only counted once.</td>
<td></td>
</tr>
</tbody>
</table>